MANDIP PRASAI
SR. PYTHON DEVELOPER

ABOUT ME:

Results-driven Senior Python Developer with over a decade of experience delivering innovative solutions in dynamic environments. Proven expertise in full-stack development, data analysis, and system optimization. Adept at leading cross-functional teams and leveraging a deep understanding of Python to drive the success of complex projects.

SUMMARY:

- Full stack python developer over 10 years of industrial experience in Designing, Development, Deployment and maintenance of web apps based on Spring framework in Java and Django - Python platforms.
- Experience of Programming using Object Oriented Programming (OOPs concept) and software development life cycle (SDLC), strong design patterns knowledge, architecting scalable platforms, object-oriented programming, database design and agile methodologies.
- Have production support experience.
- Utilizing Data dog, Splunk, and New Relic for Monitoring Alerts, CSV/JSON, POSTGRESQL, SQLALCHEMY, MYSQL, Linux, Dockers Orchestration & Configure Management and Kubernetes; CI/CD Methodologies with GITLAB.
- Independently integrate multiple APIs and new features using the React + GraphQL stack.
- More than 4 years of Professional Web Apps development experience using Django and Flask inclusive of experience in UI using JavaScript, AngularJS and React-Redux.
- Experience in using frameworks and tools like Django, Flask, Django REST, Hibernate ORM,Spring.
- Experience working with Vagrant and Dockers images and containers and Ansible.
- Worked with Jenkins and CircleCI.
- Proficient knowledge in Web services like Google Cloud and Amazon AWS Services.
- Worked with varieties of Relational Databases (RDBMS) like SQLite, MySQL and Postgresql and NoSQL DBs like Mongo DB and Cassandra.
- Primarily responsible for designing, implementing, Testing, and maintaining database solution for Azure and also strong analytical and problem-solving skills for Hadoop Data Architecture.
- Consult, make recommendations, and design and provide solutions related to the migration to Mongo DB and Cassandra.
- Experience in Database modelling with SQL, PostgreSQL, and MySQL. Knowledge of Azure fundamental.
- Experience in writing Infrastructure as a code (IaC) in Terraform, Azure resource management, AWS Cloud formation. Created reusable Terraform modules in both Azure and AWS cloud environments.
- Created functions in AWS Lambda to run Python scripts and AWS Lambda using java to perform event driven processing.
- Experienced in JavaScript Unit Testing using QUnit, and Angular End- testing using Jasmine, also worked on Karma, Protractor and have a good understanding on Mocha, Chai, and Jasmine Integration Testing and in preparing test cases. Good understanding of OpenShift platform in managing Docker containers and Kubernetes Clusters.
- Experienced in Core Java concepts such as OOPS concepts, Design Patterns, Exception Handling and multithreading. Good Experience in SOA engineering and Microservices Architecture utilizing REST and SOAP Web Services.
- Experienced in RDBMS databases connectivity (JDBC), Oracle, MySQL, DB2, PostgreSQL, NoSQL, MongoDB, Cassandra.
- Experienced with Cloud Computing Service environment like (AWS) Amazon Web Services EC2, EBS, S3, ELASTICSEARCH, RDS, API Gateway, Load Balancer, auto scaling, DynamoDB.
- Experienced in developing Restful Services using JAX-RS specification like Jersey and Rest, SOAP and XML processing APIs, JSON Web Services. Used JIRA to test and track the Issues and Bugs related to software or Application.
- Proficient in utilizing IDE like IntelliJ, Eclipse and Netbeans. Solid Development and arrangement involvement in Tomcat, JBoss, WebLogic, WebSphere. Expertise in using software repository tools like CVS, Git and Bitbucket.
- Excellent understanding of TDD Test-driven development, Software Development Life Cycle (SDLC) methodologies like Agile and Scrum. Used CI/CD, Jenkins as part of the daily build.

ACADEMIC QUALIFICATION
- Bachelor of Science in Computer Engineering

TECH SKILLS :

Python 3, Django, GraphQL,DjangoRest, Flask, React, Azure, Redux, CircleCI, Vagrant, Splunk, GitHub, Ansible, Ruby, HTML5/CSS, PostgreSQL, Amazon Web Service (AWS), S3, EC2, EBS, Pycharm, Linux, Shell Scripting, JIRA, ORM, Scala, microservices, pandas, flask, Python API, Celery, PySpark Tornado, SQLAlchemy, JavaScript, HTML5, CSS3, Angular, REST API, machine learning, Kafka, PyTorch, Fluentd, Numpy, Ruby on Rails, Es6, typescript, MySQL, SQL, PL/SQL, Cassandra, Rest, GitLab, Git, unit test, Selenium, Jest, Mockito, Agile, Scrum, Dynamo DB, Google Cloud Platform, Nginx, Slack, Zoom, Docker, Jenkins, Kubernetes.

WORK EXPERIENCE:

CVS HEALTH – (Remote) FAIRFAX, VA   APRIL 2021 – PRESENT
SR. PYTHON DEVELOPER
CVS Health is a prominent American healthcare company, operating a vast network of retail pharmacies and providing a range of healthcare services. With its acquisition of Aetna in 2018, CVS Health expanded into health insurance, aiming for integrated and accessible healthcare solutions. The company is actively involved in digital health initiatives, offering services like telehealth and digital prescription management.

- Developed applications using mix of technologies (Python, Django, Flask, Pandas, REST and SOLR).
- Involved in building database Model, APIs and Views utilizing Python in order to build an interactive web based solution. Developed entire frontend and backend modules using Python on Django Web Framework.
- Worked on several standard Python packages like Numpy, Matplotlib, Scipy, Pandas and PyTables etc.
- Developed reusable UI components with different methods for sharing data between Angular components with Output Decorator and Event Emitter. Created Angular Interceptors and Services for the HTTP requests, response and error handling.
- Built Web pages that are more user-interactive using HTML5, CSS preprocessors like LESS, JavaScript, React JS, React-Redux and Redux- Saga. Used React flux to polish the data and for single directional flow
- Developed dynamic web pages using flask, Python Django Frameworks.
- Created a Python based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS.
- Developed web applications and RESTful web services and APIs using Python, Django and Flask.
- Developed and test HTML5, CSS3, jQuery and React JS-Redux that meets accessibility and web browser standards with a focus on consistency and reusability. Solid understanding of React Virtual DOM Algorithm for React performance optimization.
- Designed algorithms and modified existing code to process live and static image data mostly using Spyder under virtual environment of Python. Coded several trading algorithms.
- Designed a stimulation model with machine learning algorithms and deep learning models for automation system.
- Worked on data analysis and data mining algorithms using teradata
- Used Pandas, Opencv, NumPy, Seaborn, TensorFlow, Keras, Matplotlib, Sci-kit-learn in Python for developing data pipelines and various machine learning algorithms.
- Developed Views and Templates with Python and using flask, Django's view controller and template language for the Web application. Performed testing using Django's Test Module.
- Developed Python batch processors to consume and produce various feeds.
- Worked with various Python Integrated Development Environments like IDLE, Pycharm, Atom, Eclipse, PyDev and Sublime Text.
- Worked with Requests, Numpy, Scipy, Matplotlib, and Pandas python libraries during development lifecycle.
- Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package.
- Developed services with Angular 2- inject table property, as to make the service available for dependency injection when creating components. Performed form validations using reactive forms from Angular 2/4 framework.
- Designed and developed the web pages using HTML5, CSS3, JavaScript, SASS, LESS, React.js, Redux, Flex, Node JS, and Mongo DB.   Automated different workflows, which are initiated manually with Python scripts and UNIX shell scripting.
- Python Object Oriented Design code for manufacturing quality, monitoring, logging, and debugging code optimization.
- Built various graphs for business decision making using Python matplotlib library.
- Fetched twitter feeds for certain important keyword using python-twitter library.

- Used Python library Beautiful Soup for web scrapping to extract data for building graphs.
- Implement various screens for the frontend using React.js and used various predefined components from NPM (Node Package Manager) and redux library. Works in using React JS components, Forms, Events, and Flux concept.
- Constructed web pages for application using HTML, CSS, VueJS, Jquery & JavaScript, Angular 2+, React JS, ExpressJS, Node JS, Karma, Jasmine. Worked on React JS to create Controllers to handle events triggered by client and send request to Server.
- Worked with Requests, Pysftp, Gnupg, ReportLab, Numpy, Scipy, Matplotlib, HTTPLib2, Urllib2, Beautiful Soup and Pandas python libraries during development lifecycle. Used Python library Beautiful Soup for web scrapping
- Build prototype for various required services such as Scheduling, Logging and Notification Service using third party Node JS based JavaScript library. Worked with POSTMAN for API testing and created User Model for application.
- Created our api server using Node.js modules so our application could communicate with the database.
- Used Node Package Manager (NPM) to manage or install the Node-JS modules like Grunt, Gulp, and Express.js, mongoose, mongo.js, body-parser, bcrypt.js and socket.io.
- Worked with modules like Mongo DB and mongoose for database persistence using Node.js to interact with MongoDB.
- Worked on MongoDB database concepts such as locking, transactions, indexes, Shading, replication, schema design.
- Used Docker to automate the deployment of applications inside as images which can be shipped easily and used anywhere it is required. Worked on JavaScript testing frameworks like Karma, Protractor, Chai and Mocha.
- Used REST client and POSTMAN to check the response of various API as a visual documentation for back-end implementation and client-side consumption. Used new Java 8 features, such as Lambda expressions, Streams and Functional Interfaces.
- Helped migrating and managing multiple applications from on premise to cloud using AWS services like S3, Cloud Watch, Glacier, ECS, EC2, RDS, API Gateway, Load Balancer, auto scaling, DynamoDB, SQS, SES SNS etc.
- Used Microservices Docker with Kubernetes interacting through a combination of REST and Apache Kafka message brokers.
- Worked on JUnit testing using Mockito and Power Mockito, integration testing and SOAP UI testing.
- Provided service discovery for all microservices using Docker, Kubernetes project
- Setup the CI/CD continuous Integration and continuous Deployment process for the application using the Jenkins.
- Involved in sonarcube analysis using Jenkins build and had experience in working with fortify scan analysis in deploying application. Behavioral and integration testing is done using Jira/Cucumber and Selenium testing tools.
- Agile/SCRUM was used as the project management methodology and JIRA were the tools used to keep things in check.
- Developed views and templates with Django view controller and template to create a user-friendly website interface.
- Used PandasAPI to put the data as time series and tabular format for local timestamp data manipulation and retrieval and storing it into MongoDB.
- Designed and developed Use - Cases, Classes and Object Diagrams using UML Rational Rose for Object Oriented Design techniques.
- Developed three early prototypes using React, React Native, Redux, GraphQL, Apollo, and AWS services Cognito, Appsync and Dynamo DB.
- Deployed and tested different modules in Docker containers and GIT.
- Used multiple containers and managed the load balancing between all the containers using NGINX.
- Implemented programming automations using Jenkins and Ansible on unix/linux based OS over cloud like Docker.
- Automated MySQL container deployment in Docker using Python and monitoring of these containers.
- Uploaded the admin module on Elastic Bean Stalk (EBS) and EC2 and stored the static files in S3 on Amazon cloud.
- Developed leadership skills and managing the team spirit.

Technologies Used: Python, Django, flask, ORM, Algorithms, pandas, Python API, PyTorch, scikit-learn, NumPy PyCharm, SQLAlchemy, Javascript, Vue.JS, ES6, Angular, React.js, Redux, TypeScript, Node.Js, HTML, CSS, JAVA, J2EE, AWS, Microservices, Docker, Kubernetes, NoSQL, Oracle, MongoDB, MySQL, JDBC, Jira, Git, Maven, SOA, JSON, Rest, SOAP, WebServices, Agile, Scrum, Junit, Karma, Mocha, Jasmine, UML, Eclipse, Jenkins, DevOps, TDD, CI/CD, Linux

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WORLD WIDE EXPRESS – (Hyrbid) DALLAS, TX
SEPTEMBERT 2019 - MARCH 2021
SR. PYTHON DEVELOPER

Worldwide Express (WWEX) is a logistics and transportation solutions company that offers shipping services to businesses of various sizes. Specializing in freight, parcel, and express shipping, WWEX provides streamlined logistics solutions to optimize supply chain management. The company focuses on delivering reliable and cost-effective shipping options for its clients. Please note that there may have been changes or developments since my last update.

- Designed the Web application Using Python on flask/Django Web Framework pattern to make it extensible and Flexible. Developed entire frontend and backend modules using Python on Django Web Framework
- Developed internal auxiliary web apps using Python Flask framework with CSS/HTML framework.
- Utilized PyUnit, the Python unit test framework for testing the functionality of the application.
- Used the functionalities HTML5, CSS3, Angular JS, Node JS, JavaScript, JQUERY, AJAX, JSON and BootStrap in creating UI pages.
- Used Angular JS as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server. Designed Frontend with in object oriented JavaScript Framework like Angular JS, Node JS and BootStrap.
- Configured, and deployed the applications on AWS EC2 instance, with Glassfish, Nginx, and Cassandra.
- Involved in Ansible setup, managing hosts file, using YAML linter authoring various playbooks and custom modules with Ansible and Ansible playbooks to automate in AWS services like launching EC2, provisioning IAM, configuring VPC.
- Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
- Wrote Lambda functions in python for AWS's Lambda, Kinesis and Elastic Search which invokes python scripts to perform various transformations and analytics on large data sets in AMAZON EMR clusters.
- Used GraphQL to fetch data that is required for a component and feed that data into the redux store avoiding multiple API calls to the backend.
- Demonstrated expertise in configuring and managing complex CI/CD pipelines using Azure Pipelines, enabling automated builds, tests, and deployments for web applications.
- Used Node.JS to achieve MVC architecture to control the flow of the application and decouple the views from the business logic. Integrating Reacts Redux framework to scale and maintain the application better while handling large amounts of data.
- Created APIs, database Model and Views Utilization Python in order to build responsive web page application.
- Performed troubleshooting, fixed and deployed many Python bug fixes.
- Developed views and templates with Python and flask, Django's view controller and templating language to created user-friendly website interface using Django, Oracle DB, Postgre SQL, and VM Ware API calls.
- Managed datasets using Panda data frames and MySQL, queried MySQL database queries from Python using Python -MySQL connector MySQL db package to retrieve information.
- Develop consumer based features and applications using Python, flask, Django, HTML, Behavior Driven Development (BDD) and pair based programming.
- Create algorithms using python that provided analytic data (KPIs) based on client requirements.
- Added several options to the application to choose the algorithm for data and address generation.
- Worked with Python Libraries, Machine Learning and Deep Learning Algorithms.
- Worked on different data formats such as JSON, XML and performed Machine Learning algorithms in Python.
- Monitored Python scripts run as daemons in the UNIX/Linux system background to collect trigger and feed arrival information
- Wrote and executed various MySQL database queries from Python using Python-MySQL connector and MySQL dB package.
- Python/Django based web application, Postgre SQL DB, and integrations with 3rd party email, messaging, storage services.
- Built Web pages that are more user-interactive using HTML5, CSS3, LESS, JavaScript, BootStrap, React.js, Jasmine, Karma, RESTFUL API Services and JSON. Used Angular and Node.JS to structure JavaScript code in an MVC (Model, View, and Controller)
- Python/Django based web application, Postgre SQLDB, and integrations with 3rd party email, messaging, storage services.
- Deployed microservices to Ansible Playbook in Docker containers
- Created typescript reusable components and services to consume REST API'S using component-based architecture using Angular
- Developed various helper classes needed following Core Java multithreaded programming and Collection classes.
- Developed the project with the java coding concepts like multithreading concepts by creating the various java classes.
- Used JAVA packages like javasql and MySQL dB for working with Oracle, SQL Server and Oracle, NoSQL, MySQL DB respectively.

- Worked on front-end prototype and page design with HTML5/HTML, CSS3/CSS, JavaScript, Jquery, Ajax, JSON, React JS, React Native, Redux, GraphQL.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Built a website with the help of REST API(NodeJS) to invoke Kubernetes server for creating/retrieving data about containers.
- Wrote Javascript object oriented code for inheritance and used module pattern for creating scalable code.
- Used Typescript along with Angularjs for code with different types makes it less prone to run-time errors.
- Implemented code to perform CRUD operations on MongoDB using MongoDB Java Driver module.
- Involved in running Selenium automation scripts and updating the scripts according to enhanced requirements using selenium WebDriver. Used web based GIT repository manager with issue tracking features.
- Developed application using JavaScript, AngularJS for frontend, JPA, RESTful web services, MySQL for Backend and deployed in AWS.
- Setup and build AWS infrastructure various resources, AWS, EC2, S3, RDS, Load Balancer, auto scaling, DynamoDB, Cloudwatch, SES, SQS, SNS, elasticsearch, JSON templates.
- Implemented automate scripts to back up the old records using MongoDB export command and transfer these backup files into backup machine using ftplib. Automated build, testing and integration with Ant, Maven and JUnit.
- Designed and documented of RESTful APIs for collection and retrieval of high-volume Max, Min and Mean statistical data.
- Wrote build & deployment scripts using Maven on Unix environment and participated in configuring Jenkins for build automation.
- Managed Ubuntu Linux and Windows virtual servers on AWS EC2 using Puppet.
- Used Docker as CI/CD tool for integrating different code components.
- Implemented web server solutions and deploying java application servers like Tomcat, JBoss, WebSphere, WebLogic on Windows& UNIX platform. Have an exposure to CI/CD tools such as Ansible and Jenkins is an advantage.
- Continuously collaborate with product management and external development teams that use Agile processes and scrum methodology.
- Manage different code branches and maintain Continuous Integration and Continuous Development (CI/CD) tools Jenkins for fast paced robust application development environment. Developed Java/J2EE applications on different IDE's like Eclipse and NetBeans.
- Developed JUnit test cases for testing the business services and carried out bug fixing by rigorous testing using JUnit
- Migrated the current Linux environment to AWS Linux environment and used auto scaling feature and Involved in Remediation and patching of Unix/Linux Servers.

Technologies Used: Python, Django, flask, HTML, CSS, Algorithms Javascript, Angular, React.js, TypeScript, Node.Js, JAVA, J2EE, AWS, Microservices, Docker, NoSQL, Oracle, MongoDB, MySQL, JDBC, Jira, Git, Maven, Tomcat, JSON, Rest, SOAP, WebServices, SOA, Agile, Scrum, Junit, UML, Eclipse, Jenkins, DevOps, TDD, CI/CD

COMCAST - PHILADELPHIA - PA   FEBRUARY 2017 - AUGUST 2019
SR. PYTHON DEVELOPER

Comcast Corporation is an American telecommunications conglomerate headquartered in Philadelphia, Pennsylvania. Comcast is one of the nation's largest video, high-speed internet, and phone providers to residential customers under the XFINITY brand, and also provides these services to businesses. Worked to upgrade new mobile devices using new technologies and responsible for creating infrastructure as code (Iac) setup, maintenance and troubleshoot.

- Designed the Web application Using Python on flask/Django Web Framework pattern to make it extensible and Flexible. Developed entire frontend and backend modules using Python on Django Web Framework
- Developed internal auxiliary web apps using Python Flask framework with CSS/HTML framework.
- Developed Business Logic using Python on flask/Django Web Framework.
- Write scripts using python modules and its libraries to develop programs that improve processing of access requests.
- Created entire application using Python, flask, Django, MongoDB and Linux.
- Experience in Object Oriented Design and Programming concepts in Java and Python.
- Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.

- Vast experience with Core Java and J2EE using most of the advanced features of Java including JDBC, Spring, Struts, EJB, Servlets, Hibernate.
- Expertise in React JS and working with React Flux architecture.
- Strong command in JavaScript leading Frameworks Team like Angular.js, React.js, backbone.js, bootstrap.js, Node.Js and Projects UI Designing Team.
- Excellent knowledge and experience in Oracle Database, JDBC, DB2, PL/SQL, MS SQL Server, My SQL Server, Mongo DB.
- Developing two different Web-based applications using HTML5, JavaScript, JQuery, BootStrap, Backbone.JS and AJAX.
- Participated in Agile Process/SCRUM Meetings. Developed detailed mockups, prototypes and wireframes to illustrate interface and design concepts of the website using Microsoft Visio.
- Worked on feature developments for the Growth team and projects handed down from the executive team, focusing primarily on HTML, CSS/SCSS, and JavaScript development.
- Created a Python based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS.
- Developed entire frontend and backend modules using Python on flask/Django Web Framework.
- Designed the Front-End applications, user interactive (UI) web pages using web technologies like HTML, CSS, JavaScript, Angular.js and JQuery. Adopted JavaScript and jQuery to manipulate DOM, basic logic and event handlers.
- Created independent libraries in JAVA which can be used by multiple projects which have common functionalities.
- Developed Views and Templates with JAVA and using Hibernate, Spring MVC's view controller and template language for the Web application. Involved in implementation of RESTFUL web service APIs using Node.js
- Developed Application to access Rest, JSON and XML from Restful Web Service from consumer side using JavaScript.
- Pioneer application hosting on cloud infrastructure using Amazon Web Services AWS.
- Involved in debugging the product using Eclipse and JIRA Bug Tracking.
- Developed a web application for developers to generate their own REST API calls in, JAVA
- Developed Application servers for business solutions using Apache Tomcat, WebLogic, WebSphere and JBoss.
- Extensively used JUnit for unit testing, integration testing and production testing.
- Involved in debugging the product using Eclipse and JIRA Bug Tracking. Configured Server for Oracle Database and Apache Tomcat. Actively involved in the DevOps streamlining process through Jenkins CI and CD Release Automation.
- Developed various reusable helper and utility classes using Ibatis, Java Beans with IntelliJ IDE and Eclipse editor
- Used version control tools like GIT, SVN to manage and control software development.
- Developing test suites in Selenium WebDriver (Java) with TestNG framework in Eclipse IDE
- Used Subversion (SVN) as the configuration management tool to manage the code repository

Technologies Used: Python, Django, HTML, CSS, Javascript, JQuery, AJAX, Angular.js, Node.js, BootStrap, JAVA, NoSQL, Oracle, MongoDB, MySQL, JDBC, AWS, Jira, Git, Maven, Tomcat, Rest, SOAP, WebServices, SOA, Agile, Scrum, Junit, UML, Eclipse, TDD, CI/CD, Linux, Unix, Mac

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CONNECTIVERX - NEW YORK, NY   JULY 2015 - JANUARY 2017
SR. SOFTWARE DEVELOPER

ConnectiveRx delivers affordability and adherence messaging solutions through all stages of the patient's medication journey to help them get and stay on their medications. The company provides these solutions to over 125 biopharmaceutical manufacturers. At ConnectiveRx, what we do is more than a job, it's a mission to help people on their journey to better health. Analyzed business requirements and developed API, ETL and Web applications through full development lifecycle in Agile setting.

- Developed entire frontend and backend modules using Python on Django Web Framework.
- Python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization
- Wrote Object Oriented JavaScript to create modules and extensively debugged with Firebug and other debugging tools.
- Worked and improvised existing AngularJS application to follow strict MVC patterns for improved source code maintenance and layout of application.
- Used Python and Django creating graphics, XML processing, data exchange and business logic implementation.
- Developed dynamic web pages using python Django Frameworks. Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team.
- Rewrote existing Python/Django modules to deliver certain format of data.

- Wrote python scripts to parse XML documents and load the data in database.
- Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content.
- Worked on several python packages
- Used ECMAScript 6, ReactJS, Flux, Babel, Node and Web-Pack to create a SPA.
- Worked with various MVC Java frameworks like Angular.JS, EXT.JS, Backbone.JS, Node.JS, Ember.JS, bootstrap.JS, Require .JS, D3.JS, etc.
- Proficient in developing Web Services (SOAP, RESTful) in Python using XML, JSON.
- Stored the data in an Apache Cassandra Cluster Used Impala to query the Hadoop data stored in HDFS.
- Developed custom consumers and producers for Apache Kafka in Go (golang) for cars monitoring syste
- Designed and developed components using Python with Django framework. Implemented code in python to retrieve and manipulate data. Responsible for setting up Python REST API framework using DJANGO.
- Worked with the team of architects and back-end developers to gather requirements and enhance the application functionality and add new features. Automated build scripts using Ant, Maven for Java/J2EE Applications, make for C, C++
- Integrated with the back-end RESTFUL Services using AJAX to perform GET and POST data to backend servers.
- Created a Python/Django based web application using Python scripting for data processing, MySQL for the database, and HTML/CSS/JQuery. Extensively worked on HTML5, CSS3, JavaScript, JQuery, AJAX, Angular JS, BootStrap, NodeJS, AngularJS
- Managed continuous maintenance and troubleshooting of Python Django projects.
- Used Python and Django to interface with the JQuery UI and manage the storage and deletion of content.
- Developed the front-end components using AngularJS framework to leverage the Model View Control (MVC) architecture.
- Wrote JAVA code to simplify lists in JAVA with list comprehension and JAVA OOP.
- Worked on the MySQL migration project to make the system completely independent of the database being used.
- Developed PL/SQL store procedures for data migration and database upgrade from oracle using JDBC, MYSQL, SQL Server, DB2, Coherence and TOAD. Worked on Web Services using REST and WSDL, JSF, JSON, JQuery, JMS and Oracle coherence.
- Used Maven, Ant for developing build scripts and deploying the application onto WebLogic
- Extensively used JUnit for unit testing, integration testing and production testing.

Technologies Used: Python, Django, HTML, CSS, Javascript, JQuery, AJAX, Angular.js, Node.js, BootStrap, JAVA, Oracle, MySQL, SQL Server, TOAD, CRUD, PL/SQL, DB2, JDBC, Jira, Git, Tomcat, Rest, SOAP, WebServices, Agile, Water Fall Model, UML, Eclipse, Linux, Unix

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NTT DATA - PLANO, TX
JULY 2013 - JUNE 2015
SOFTWARE DEVELOPER

NTT DATA provides broad range of IT services and solutions, including consulting, systems integration and IT outsourcing, for major financial, public administration and enterprise sectors. NTT DATA Services partners with clients to navigate and simplify the modern complexities of business and technology, delivering outcomes that matter most. Performed bug fixes and feature enhancement on applications, created database connection API for Web and mobile applications.

- Participated in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
- Wrote Python routines to log into the websites and fetch data for selected options.
- Created or identified state-of-the-art computational mechanics algorithms that extend modeling capabilities, implement as software suitable for high-performance computers, and document their verification.
- Wrote script or program to automate analysis tools to streamlining the evaluation of initial data for integrity.
- Using Python package created an interface automate import and exporting drawing and extracting standard data for manufacturing purpose.
- Built application and program to streamline the cavity development and process and generate documentation from the design and via versa.
- Used Python Flask framework to build modular & maintainable applications.
- Automated data movements using Python scripts. Involved in splitting, validating and processing of files.

- Created core Python API which will be using among multiple modules.
- Participated in developing web application UI using HTML, CSS, JavaScript.
- Uploaded statistics to MySQL for analysis and logging.
- Developed complex SQL queries for testing the database functionality.
- Used UNIX server for application deployment and configuration.
- Wrote shell scripting for automation.
- Designed database schema design and defined relationships between tables.
- Provided technical assistance for maintenance, integration and testing of software solutions during development and release processes.
- Created unit test/regression test framework for working/new code.

Technologies Used: Python, HTML, CSS, Javascript, AngularJS, Jquery, AJAX, JAVA, Spring, Hibernate, Oracle, MySQL, JDBC, Jira, Git, WebServices, UML

Mandip Prasai

- Oak Hill, VA, US

Contact Information

- sym-ui1-2hl@mail.dice.com

- 9039456777

Work History

Total Work Experience: 11 years

- **Sr. Python Developer CVS Health**
  Apr 01, 2021

- **Sr Python Developer World Wide Express**
  Sep 01, 2019

- **Sr Python Developer Comcast**
  Feb 01, 2017

- **Sr Software Developer Connectiverx**
  Jul 01, 2015

- **Software Developer NTT Data**
  Jul 01, 2013

Skills

- **java** - 6 years
- **css** - 10 years
- **flask** - 10 years
- **framework** - 10 years
- **html** - 10 years
- **python** - 10 years

- **scripting** - 10 years
- **ui** - 10 years
- **web applications** - 10 years
- **api** - 9 years
- **automation** - 9 years
- **database** - 9 years
- **javascript** - 9 years
- **mysql** - 9 years
- **qa** - 9 years
- **software** - 9 years
- **unix** - 9 years
- **algorithms** - 8 years
- **django** - 8 years
- **software deployment** - 8 years
- **mongodb** - 7 years

Work Preferences

- Desired Work Settings: Remote
- Likely to Switch: True
- Willing to Relocate: False
- Travel Preference: 0%
- Work Authorization:
  - US
- Work Documents:
  - Green Card Holder
- Desired Hourly Rate: 75+ (USD)
- Desired Salary: 150,000+ (USD)
- Security Clearance: False
- Third Party: False
- Employment Type:
  - Full-time
  - Contract - Corp-to-Corp
  - Contract - Independent
  - Contract to Hire - Corp-to-Corp
  - Contract to Hire - Independent

Profile Sources

- Dice:
  https://www.dice.com/employer/talent/profile/0d8411c3ee54a446de26761f535afe66