

Pranitha

Python Developer

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Professional Summary:

- 6 years of professional experience as **Web/Application Developer** and coding.
- Experienced with **Object Oriented Programming, Software Development Life Cycle**, Database designs, agile methodologies, coding and testing of enterprise applications.
- Experienced in developing web-based applications using **Python, Django, CSS, HTML, DHTML, Angular Versions**.
- Experience in using Design Patterns such as MVC, Singleton and frameworks such as **DJANGO**.
- Experienced in implementing Cloud solutions in **AWS**.
- Experience in developing web services (**WSDL, SOAP** and **REST**) and consuming web services with python programming language.
- Experience in Object Oriented Programming using concepts like Multi-Threading, Exception Handling and Collections.
- Experienced in working with Angular concepts like Directives, Components, Router, Data Binding, Reactive Forms, Form Validations, pipes and Services.
- Experienced in AWS services like **EC2, IAM, S3, BOTO3, Elastic Beanstalk** and **Lambda**.
- Experienced in working with Angular concepts like Directives, Components, Router, Data Binding, Reactive Forms, Form Validations, pipes and Services.
- Experience in implementation of **Django** object-relational mapping layers (**ORM**) effectively.
- Experience in developing web services (**WSDL, SOAP** and **REST**) and consuming web services with python programming language.
- Well versed with design and development of presentation layer for web applications using technologies like **HTML, CSS, and JavaScript**.
- Experience in writing SQL Queries, Stored Procedures, Triggers, Cursors, and Functions in **MySQL, Oracle** and **PostgreSQL** database and NOSQL MongoDB.
- Proficient in working with various **Python Integrated Development, PyCharm, Eclipse, Sublime Text** and **Notepad++**.
- Experience with bug-tracking Jira, source code management tools **Git, GitHub**.
- Experience in taking performance optimization measures for website/web applications to reduce the response times and hence enhancing the end user experience.
- Possess good interpersonal, analytical presentation Skills, ability to work in Self-managed and Team environments.

Technical Skills:

Languages	Python, JavaScript
Frameworks	Django, pyramid, Flask, Angular Versions
Web Technologies	HTML5, CSS3, XML, JSON, AJAX
Database	MYSQL, PostgreSQL, MS SQL, MongoDB, SQLite, Oracle
Web Services	REST, SOAP
Cloud Computing	Amazon EC2/S3
Version Control Tools	Git, GitHub, SVN, VSS
Bug Tracking Tools	JIRA, ALM
IDEs	PyCharm, PyStudio, PyDev, Visual Studio
SDLC	Waterfall, Agile, Scrum.
Platforms	Windows, iOS, Android

Professional Experience:

Client: IAT Insurance Group, Raleigh, NC

Jul 2022 – Till Date

Role: Python Developer

Responsibilities:

- Involved in designing application system requirements and coded back-end and front-end in Django/Python.
- Created a very secure login/registration application using Django Auth package and securing on front end using proper restful services.
- Built **Single Page Applications (SPA), Responsive Web Design (RWD)** UI, Rich Restful Service Applications, using **Angular 13** and **Angular Material**.

- Utilized several packages in the **Angular CLI** to create a more functional application.
- Interacted AWS resources with **python boto3**.
- Worked with on AJAX framework to transform Datasets and Data tables into **HTTP-serializable JSON strings**.
- Developed frontend and backend modules using **Python on Django Web Framework** with **GIT**.
- Designed and managed API system deployment using **fast http server** and **Amazon AWS architecture**.
- Made strategies for **Authentication, Authorization**, and log formats for standard internal components with **OAuth** and passport.js using secure gateway.
- Developed **Python scripts to monitor health of Mongo databases** and perform ad-hoc backups using **Mongo dump and Mongo restore**.
- Stored and consolidated the data in **MongoDB** using **PyMongo**.
- Utilized **PyQt** to provide GUI for the user to create, modify and view reports based on client data.
- Developing scripts for build, deployment, maintain and related task using **Jenkins, Maven** and **Python**.
- Performed Branching, Tagging, Release Activities on **Version Control Tool GIT**.

Environment: Python, Django, Angular 13, Angular Material, TypeScript, Angular CLI, AWS, S3, Boto 3, JSON, Mongo DB, Visual Studio, Mongo DB, Jenkins, Maven, GIT, Agile, Windows.

Client: The Home Depot, Atlanta, GA

Apr 2020 – Jun 2022

Role: Python Developer

Responsibilities:

- Worked in **Agile** and **scrum environment** which includes daily stand up and sprint planning.
- Designed front end using **UI, HTML, Bootstrap, Node JS, Angular 9/10, CSS, and JavaScript**.
- Used GitHub for version control and added support for Amazon AWSS3 and RDS to host static/media files and the database into Amazon Cloud.
- Developed functions and features and integrated the APIs in **Angular 9/10**.
- Created **REST** architecture with **token-based authentication and authorization** and for consumers.
- Used Angular Services for consuming REST API and SOAP web services using **HTTP / AJAX libraries**.
- Worked on front end frameworks like **CSS** and **Bootstrap** for development of simple web applications.
- Modify the existing **Python/Django** modules to deliver certain format of data.
- Design roles and groups for users and resources **using AWS Identity Access Management (IAM)**
- Successfully migrated the Django database from SQLite to MySQL to PostgreSQL with complete data integrity.
- Used **Test driven approach (TDD)** for developing services required for the application.
- Used Maven script for building and deploying the application
- Maintained version control of Python by using **GIT. (Merge, Branch, Push, and Commit)**.
- Inform through mail the compilation errors to the responsible team with error logs using **JIRA**.
- Handling the day-to-day issues and fine tuning the applications for enhanced performance.

Environment: Python, Django, Angular 9/10, HTML5, CSS3, Bootstrap, Node JS, HTTP, AJAX, AWS, Boto 3, AMIs, PostgreSQL, Maven, Jenkins, GIT, Jira, Agile, Windows.

Client: Sunwest Bank, Irvine, CA

Aug 2018 – Mar 2020

Role: Python Developer

Responsibilities:

- Exposed to various phases of Software Development Life Cycle using **Agile-Scrum** Software development methodology.
- Creating website interface by templates and views with **Python** and **Django** views controller and template language.
- Worked on Python Django Forms to record data of online users and used Django frameworks for creation of web pages.
- Involved in Python OOP code for quality, logging, monitoring, and debugging code optimization.
- Used the **Django** Framework to develop the application.
- Rewrite existing **Python/Django** modules to deliver certain format of data.
- Involved in development of Web Services using **REST** for sending and receiving data from the external interface in the **JSON** format.
- Developed and designed automation framework using **Python**.
- Automated the existing scripts for performance calculations using **NumPy** and **SQLAlchemy**.
- Using **Git** to resolve and coding the work on Python.
- Responsible for **debugging** and troubleshooting the web application.

Environment: Python, Django, HTML5, CSS3, Ajax, SQL Alchemy, GIT, Windows.

Company: mroads, Hyderabad, India

Jun 2016 – Apr 2017

Role: Python Developer

Responsibilities:

- Participated in requirement gathering and analysis phase of the project in documenting the business requirements by conducting meetings with various business users.
- Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- Written Unit test cases using the Unit testing framework with 95% of code coverage.
- Build SQL queries for performing various CRUD operations like create, update, read and delete.
- Wrote REST APIs, as part of developing web-based applications using **Django's REST framework**.
- Responsible for debugging the project monitored on **JIRA (Agile)**.

Environment: Python, Django, HTML, SQL, PostgreSQL, Rest Api, Ajax, Jira, Windows.