**Pritesh Modi**

Senior Python Developer Jersey City, NJ,07030.

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**Technical Expertise:**

* With over 15 years of experience in the IT industry, around 10 years of expertise as a Full Stack Python Developer and 5+ Years of experience as a Django developer in building robust, highly available and scalable Web based, RESTful and API applications.
* Experience in Banking Financial Capital Market, Networking, Trading, fixed income, and Health Care Domains.
* Experience in developing web-based applications using Python-Django web framework, HTML, CSS, React.js, JSON, XML technologies.
* Experience in back-end Database testing writing and executing SQL queries and other database operations with databases like SQL Server and Oracle.
* Experience in Amazon S3, boto3, Secret Manager Webservices.
* Experience with DevOps, CI/CD implementations of Jenkins, TeamCity, GitLab. Maven, Nexus and Artifactory
* Experience of E2E product, application (estimate, design, architect, development, deployment, automate) solutions.
* Experienced in writing custom Python code to extend Django applications, collaborating with other developers, and integrating third-party services and APIs. Achieved significant increases in user engagement, revenue, and application functionality, while reducing development time and improving overall code quality.
* Experience in implementing various python libraries such as Matplotlib for charts and graph, python-twitter, Pyside for binding cross platform GUI, Pickle, Pandas, NumPy, PySpark for Data analytics.
* Good Experience of software development using Python IDE’s PyCharm, Spyder, PyDev, Jupyter, PyScripter.
* Hands on experience in using NOSQL libraries like MongoDB, Redis and Relational Databases like ORACLE, MSSQL, SQLite, PostgreSQL databases.
* Good knowledge of front-end frameworks like **CSS** **Bootstrap**.
* Good understanding and knowledge of UNIX commands and shell script.
* Good understanding of Agile, Waterfall, and other software development processes.
* Excellent client communication skills /presentation skills and Good Experience in conflict/risk management.
* Solid business skills to effectively interact with internal business units and external vendors.

**Technical Skills:**

* **Languages**: Python, Java, JavaScript, Selenium
* **Python libraries**: boto3, lxml, NumPy, JSON, Request, Pandas, Netmiko, Paramiko
* **Python Frameworks**: Flask, Django, Pytest, Pyspark, MVC and MVT, Django Rest Framework (DRF)
* **CICD Tools:** GIT, Maven, Svn, GitHub, Jenkins, GitLab, Bamboo, Groovy, Nexus, Artifactory.
* **Other Tools:** Android SDK, SQL Developer, PGadmin, Pycharm, Sublime Text, Eclipse, NetBeans, Microsoft Visual Studio
* **Databases:** SQL Server, Oracle, Access, DB2, Mongo DB, MySQL
* **Platform**: Windows, UNIX/ Linux, Mac.
* **Bug Tracking Tools:** Jira, Bugzilla, Rally
* **SDLC Methods:** Scrum, Agile
* **Cloud technologies**: AWS (boto3, Secret Manager, EC2, lambda), Azure functions.

**Education:**

* Bachelor of Computer Application (BCA) from Gujarat University, Ahmedabad, India - 2004
* Master of Computer Application (MCA) from Gujarat Vidyapith, Ahmedabad, India - 2007

**Certifications:**

* Certified Microsoft Technology Associate (98-381– Introduction to Python).

**Professional Experience:**

**Infosys, New Jersey, USA Jan’ 18 – Till Date**

# Sr Python Developer

# Responsibilities:

* Implemented End to End Banking application using Django framework, resulting in a 30% reduction in development time and a 15% increase in overall code quality.
* Excellent interpersonal skills to interact confidently and credibly with business users, to understand and agree business requirements and their prioritization while building a good understanding of end-to-end business processes
* Collaborated with other developers, designers, and stakeholders to integrate third-party services and APIs, resulting in a 40% increase in application functionality and user satisfaction.
* Developed RESTful web services and APIs, resulting in a 25% increase in application functionality and a 20% reduction in development time.
* Developed, tested and debugged software tools utilized by clients and internal customers.
* Participating in code reviews and providing feedback to other developers
* Involved in building database model, APIs and views utilizing Python, in order to build an interactive web-based solution.
* Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript.
* Experience of implementation of secret manager client using boto3 library to record logs of Amazon Web Services account calls and deliver log files to an Amazon S3 bucket.
* Coordinated with product management to align testing strategies with set objectives, resulting in 25% increase in code quality.
* Experience of creating RESTful Webservices [GitHub - Modi-Python/Employee\_Roles\_Rest\_API: UBS Assignment to create a RESTful Web Service](https://github.com/Modi-Python/Employee_Roles_Rest_API)
* Collaborated with internal teams to convert end user feedback into meaningful and improved solutions.
* Collaborated with other developers to handle complicated issues related with deployment of Django based applications.
* Managed continuous maintenance and troubleshooting of Python Django projects.

**Persistent Systems Ltd, Pune, India Sep 13- Dec 18**

**Module Lead**

# Responsibilities:

* Created RESTFUL API's for HPE applications using Django Flask framework.
* Building data pipelines and ETL (Extract, Transform, Load) processes to extract data from various sources, transform it, and load it into target data repositories.
* Implementing data quality checks and data validation processes to ensure data accuracy and consistency.
* Leading a medium sized team of Developers and QA of HPE SecureMail product development.
* Designed and development of architecture and solution for enterprise of web based/SaaS based secure cloud mail application.
* Build & Release Engineer experience of Troubleshoot Jenkins jobs and solve test cases failures with the jobs which develop in written in python-robot framework.

**Leo Techno-Soft Pvt Ltd, Pune, India Dec 11 – July 13**

# Tech Lead

# Responsibilities:

* Lead the Implementation of Module and Mentor Team for technical and functional support.
* Development of Frontend and Backend Application using python-Django web framework.
* Integration with Third party Instra API Service using Rest AP (Django-flask framework).
* Implemented robust Selenium WebDriver solution, boosting test coverage by 15%
* Integrated API testing with Postman for five projects, strengthening system robustness.

**CGS India Pvt Ltd, Hyderabad, India Mar 10 – June 11**

# Tech Lead

# Responsibilities:

* Develop a generic module to automate all the manual operations and common operations (Example -directory/files copy, directory exist or not, exe/bat file execution, windows registry read/write/modify, remote command service execution, copy, find and replace string, restart VM, xml parsing, logging module and other common operations) use while implementation of different product installer framework.
* Development of automated windows installer package installation process on any VM.
* Given training to team on Python and Jython including technical support.
* Configured automated email alerts for test execution reports, speeding up analysis process by 30%
* Updated and maintained TestLink tool for efficient test case management, resulting in 15% reduction in misplaced test cases.

**Neesa Technologies Pvt Ltd, Ahmedabad, India Aug 08 – Mar 10**

# Project Leader

# Responsibilities:

* Development of accounting business process and all accounting Multi Company, Multi Branch, Multi Location items features.
* Standard functionality like vouchers, sales purchase entry, ledger entry bookkeeping, bank reconciliations, payment Vouchers and other functionalities.
* Custom Reporting development for all the complete sub modules functionality as per new/customizes requirements.

**TinyERP Pvt Ltd, Ahmedabad, India Jan07 – June-08**

**Application Engineer**

# Responsibilities:

* Work as technical support role for any defects raise or for any application technical issues.
* Daily client meeting and provide offshore support for task allocated and show a demo of the functionality developed in weekly meetings.
* Develop user interface of applications using HTML, CSS, bootstrap, and JavaScript.
* Developed client-side validations using JavaScript form validations.
* Involved in consuming RESTful Web services to render the data to the front page.
* Used Ajax for requesting data and response processing.