AKASH MISHRA

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Summary

Highly-dedicated, self-motivated, and enthusiastic Python Programmer with around 8+ years of experience in writing and executing Python code for web, desktop GUI, console, version control, scientific and numerical applications or software and deploy on AWS. Expertise in application and related database development, analysing user or business requirements as well as software testing, debugging and troubleshooting methods. Analytical Python Developer focused on applying sound engineering principles using both traditional and innovative methods.

Skill Highlights

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| --- | --- |
| * Project management * Strong decision maker * Team Player | * Creative design * Innovative * Service-focused |

Experience

**Senior Engineer** – May-2020 to present

**Larsen & Toubro Technology Services**, Pune

**Domain** – Media

* Developed dozens of rest API’s over flask framework using OpenAPi, swagger, docker and Linux commands over cli/ssh along with AWS.
* Co-operate with designers to create clean interfaces and simple, intuitive interactions and experiences.
* Connecting with various device (Cisco, Nokia and Huawei) using python and perform configuration and various checks using various python library (like Netconf, ssh based connection)
* Collaborated with quality assurance team to verify correct implementation of software development changes.
* Developed Python Scripts, wrote numbers of API’s and respective function for unit test (using Pytest, unittest, mock and patch), Automating tasks and implementing data pipelines
* Worked on API CRUD operation, using mongo DB as database and connecting to them using core python
* Develop quality of code with minimum bug, under Agile methodology, JIRA board, confluence
* Coordination with team, QA testers and project owner for delivering project in time.
* Worked independently to design changes, develop, and test code.
* Led team-wide Scrum lifecycle practices, maintaining on-time milestone more than rate of 80%.
* Estimated work hours and tracked progress using Scrum methodology.
* Designed, developed, modified, and debugged programs also lead the teams of more than 8 people.

**Senior Software Engineer** – Nov-2019 to May-2020

**Accenture Solution Pvt. Ltd**, **Pune**

**Domain – Banking and Finance**

* Design and develop data reconciliation module as per policies
* Design and develop MVT based API integration implementation using Django Framework
* Develop Web services to Authenticate users, authorize users and auditing them
* Design and develop Python Scripts and validate the same
* Develop various reports such as audit report, Exception report for internal audit purpose
* Ensured the release of premium -quality application that provide secure experience to user/Client
* Automated functions that previously required manual data entry.
* Handled application development with dozens of functions.
* Collaborated with quality assurance team to verify correct implementation of software development changes.
* Identified possible system enhancements to improving functionality and streamline administration.

**IT Analyst** – Mar-2015 to Nov-2019

**Tata Consultancy Services Pvt. Ltd**, **Pune**

**Domain – Banking and Finance**

* Created reusable, testable, and efficient Python code using best programming structures, flowcharts and algorithms as well as assisted in designing and implementing Python modules to load data from various sources such as SQL Server and DB2 database
* Provided support to development teams in creating, testing, debugging, implementing, and maintaining web and desktop-based applications as well as websites in accordance with project requirements
* Assisted senior programmers in creating project test plans and detailed test cases as well as worked with QA personnel in designing, developing, and executing automated tests for assigned software application projects as required
* Assisted in fixing bugs or programming errors as needed as well as adding new features or making necessary modifications in developed code to maximize performance and effectiveness of various software applications
* Designed, developed, modified and debugged programs.
* Used Django rest framework for developing web application and maintaining the same.
* Identified possible system enhancements to improving functionality and streamline administration.

Education

**Bachelor of Technology (UPTU) - ECE (2010 – 2014) – 72.28%**

**HSC – 69.4% (Uttar Pradesh Board, India)**

**SSC – 75.67% (Uttar Pradesh Board, India)**

Programming Languages and Tools

**Tools:** Pycharm, Jupyter notebook, Visual studio, git, MobaXterm, bitwiseSSH, Slack, Teams, Webex.

**Programming Languages:** Python, Django, Flask, HTML5, CSS, MySQL, MongoDB, OpenAPi, Docker, FastApi, Aws, RDBMS.

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