Manasa.M

Software/PythonDeveloper
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Experience Summary

- 1 year of experience in design and development of applications using Python.
- Capable of making database design and setting up the things like configuration for the project.
- Exploring new technologies for considerations.
- Worked with MongoDB, MYSQL and postgresql.
- Content management tools and ticketing tools like JIRA.
- Software Development Lifecycle and its methodologies
- To secure a challenging position where I can effectively contribute my skills as a software professional, possessing competent technical Skills.

Professional Experience

Logichive pvt lmt, Remote   **Jul 2021 – Present**
Software Development Engineer

Responsibilities:

- Experience building FAST APIs.
- Manage and add to the external developer portal containing swagger-based testing interfaces.
- Create and execute unit test plans.
- Lead API lifecycle development; responsible for software development and code quality.
- Develop API services in an Agile environment.
- Assist in scope definition, planning, estimation and tracking.
- Document all related work per company's methodology.
- Take ownership of software components and associated development and testing in terms of timelines and quality.

Satyukt Analytics pvt lmt   **Oct 2020 – April 2020**
Python Developer Intern

Responsibilities:

- Automate different workflows, which are initiated manually with Python scripts and Unix shell scripting.
- Experience building REST APIs.
- Manage datasets using Pandas data frames and MySQL, queried MySQL database queriesfrom python using Python-MySQL connector and MySQL dB package to retrieve information.
- Develop and tested many features for dashboard using Python, HTML, Bootstrap, CSS, JavaScript and PHP.
- Export Test case Scripts and modified the selenium scripts and executed in Selenium environment.
- Ensured smooth communication between the development team and the client, focusing on a correct transition of the requirements and specifications.
- Document all related work per company's methodology

Education

M S Ramaiah Institue of Technology   2019 - 2021
Master's Degree in Computer Networks and Engineering

Technical Skills

Primary Languages: Python,JavaScript, ES6
Python Libraries: Selenium, numpy, matplotlib, Pandas data frame, jinja2, ttp, urllib2, requests, json
Frameworks: FastAPI, Rest, RestAPI in Node.js
Database: MySQL, PostgreSQL, Mongo DB
IDE s: PyCharm, MS Visual Studio, atom, sublime
Web Technologies: HTML, CSS, Java Script, Bootstrap, PHP

Operating systems: Windows, ubuntu
CI/CD tools: Docker
Testing Frameworks: Pytest, Unittest
Version Control Tools: GitHub, GitLab

Key Projects

Project Title	Kinduct
Technology	Python, FastAPI Framework(Python), AWS, Prefect, Docker, Celery
Role	Software Development Engineer
Duration	15 days
Description	Prefect Workflow Tool
Responsibilities	• Code Reviewing • Pytest

Project Title	Service API for VDI Orchestration Tool
Technology	Python, FastAPI Framework(Python), MongoDB, Docker, Celery, Jinja2, ttp
Role	Software Development Engineer
Duration	2 Months
Description	Virtual Desktop Orchestration Tool
Responsibilities	• Designed datastructure • Developed fastAPIs required to support the system • MongoDB Integration • Pytest

Project Title	Stone E-Commerce portal
Technology	Python, Ubuntuserver, MongoDB, FastApi.
Role	Software Development Engineer
Duration	2 Months
Description	E-Commerce website for purchasing Stone materials online.
Responsibilities	• Analyzing and designing API's and database. • Assisting in frontend designs. • Unit Testing.

Project Title	Realtime E sports Gaming
Technology	NodeJS with ExpressJS as Web Server, Python for Processing Backend Game logic, MongoDB
Role	Software Development Engineer
Duration	1 Months
Description	It is a fantasy game for mobile and web application, where user can join contests and select the players and wingoodies.
Responsibilities	• Design and Develop game processor, collecting data from various sources and processing. • Assisting team on design methodology. • Maintenance of Data using regular CronJobs. • Provide development and implementation support by creating mocking APIs and Servers.

Project Title	Quake Model
Technology	Python, Pandas, Numpy, PHP, HTML, CSS, JavaScript
Role	Python Developer Intern
Duration	6 months
Description	Catastrophe Modelling Tool for Insurance/Reinsurance
Responsibilities	• Design and Developement of python scripts according to the logic. • Design and Developement of Portal. • MySQL Integration

Focal Point

- Fluent Programming skills with good optimization ability and finding alternatives.
- Strong Experience and skills in API Development using Python and Nodejs.
- Excellent verbal and written communications skills as well as a winning team attitude and strong people skills
- Good Planning and management skill with optimum decision making.
- Good in understanding and strong in basics
- Better Skill of imagination and assumption