Manisa Thangavel

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Summary

Versatile Python Developer with demonstrated expertise in diverse technical skills, successfully contributing to projects. Eager to expand capabilities through ongoing learning initiatives.

Experienced in designing systems and server architecture, developing microservices using Python, SQL, NoSQL, AWS, Docker and other technologies.

Skills

- Python
- Flask
- Django
- FastAPI
- Elasticsearch
- OpenSearch
- MySql
- PostgreSQL
- AWS
- GraphQl
- Git
- Java

Experience

Python Developer - Backend

Kwalee India Pvt. Ltd., Bengaluru, Karataka
09/2022 - Present

- Involved in the creation of a portal from the ground up, using technologies like **FastApi, GraphQL, SqlAlchemy, Alembic, Docker**, etc., to establish a strong foundation with **service-based architecture**.
- Implemented **authentication using AWS Cognito** and incorporated user-type-based authorisation logic into the codebase
- Developed pre-commit hooks to enhance system integrity.
- Engineered **SES and S3** adapters for seamless email triggering and media storage integration.
- Formulated advanced search functionality using SQL queries and **SQLAlchemy ORM**.
- Orchestrated system events using **Lambda, Kinesis, and Redshift.**
- Integrated external APIs (e.g., FB, Hubspot, beebole) through custom adapters.
- Proficient in **Flask Framework, Elastic Search, AWS EC2,** and trigger-based systems.
- Proactively addressed and **debugged live system issues**, swiftly implementing fixes as they arose.
- Engineered an **adapter for OpenSearch** and seamlessly integrated it into the system.
- Designed and implemented a **user deletion flow for GDPR** compliance in a large portal with extensive data, ensuring smooth execution without impacting other features designed and implemented user
- Developed **ER model** for comprehensive system representation.
- Engaged in discussions with the Product Manager, providing input and suggesting improved approaches for project development.

Application Development Associate

Accenture Solutions Pvt. Ltd., Bengaluru, Karataka
09/2021 - 09/2022

- Completed **Java** Tech stream training and graduated, along with Tech Genics training in **Machine Learning using Pytho**n.
- Contributed to a Banking project using Java, focusing on API automation testing with tools such as **Postman, Newman, Cucumber, and Selenium.**
- Applied **JavaScript** code snippets with advanced logics for effective Automation Testing.

Education

B.E Computer Science and Engineering

Tamilnadu College of Engineering, Coimbatore, Tamilnadu
07/2017 - 06/2021

- Developed **Sales Forecasting using Machine Learning** in Python, specifically employing Linear Regression for departmental store analysis.
- Utilized libraries such as **Pandas, scikit-learn, Keras, Matplotlib, and Seaborn.**
- Processed data presented in graph form using **Google Colab.**