Anmol Mahajan
ASSOCIATE SOFTWARE ENGINEER
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LinkedIn Profile

Associate Software Engineer with 3 years of experience specializing in ELK Stack, Postilion Switch, Payment Domain, Python, SQL, and DevOps. Proficient in designing and implementing scalable software solutions, optimizing performance, and ensuring seamless integration across various platforms. Strong problem-solving skills with a focus on continuous improvement and automation.

SKILLS

Tools: ELK Stack, Visual Studio, Docker, Kubernetes.
Languages: SQL, Python.
Operating System: Linux, Windows, AWS.
Other: Proficient in English, Hindi.

WORK EXPERIENCE

Role: Software Engineer
SYNECHRON   *Duration :04/2023 – Till Now*

PROJECTS

Project name: BSP Switch-Hawk Monitoring
Team Size: 4
Client: BSP Financial Group Limited.

Project Description:

Successfully implemented a comprehensive data replication solution for a Postilion database utilizing SSIS packages. Developed and optimized stored procedures to efficiently extract and transfer requisite data from the replicated database to our system. Leveraged Logstash to seamlessly transfer records to OpenSearch, enabling streamlined data visualization on OpenSearch Dashboards. This meticulously designed process has ensured precise data retrieval and meets client-specific requirements within the intricate Postilion database structure. Notably, the project is currently live in production, with the system operating stably. Plans are underway for Phase 2, focusing on further enhancements and expansions to elevate system capabilities.

Responsibilities:

- Deployed Switch-Hawk application on Windows Environment.
- Created Logstash config file for loading data to OpenSearch as an index.
- Implemented LDAP Active Directory in Switch-Hawk.
- Developed various visualizations and dashboards for transaction monitoring.
- Designed and implemented transaction alerts.
- Automated Switch-Hawk application on Linux Ubuntu server.

Skills: Linux-Ubuntu, ELK.

Tools: ELK Stack, Docker, SQL Server, Docker, Postman, Ubuntu, Windows, Notepad++.

Role: Software Engineer
SYNECHRON   *Duration :12/2021 -12/2022*

Project Name:	Python Full Stack Development for Euronet Worldwide Inc.
Client:	Euronet Worldwide Inc.
Project Description:	End-to-End Payment Application Processing.

Responsibilities:

- Led the development of a comprehensive end-to-end payment application using Python, integrating various technologies seamlessly. Developed an HTTP server, established connections with MySQL and Oracle databases, implemented a JSON parser for data manipulation, and integrated UPI (Unified Payments Interface) for transaction facilitation.
- Leveraged advanced Python features and libraries to optimize data handling and manipulation within transaction workflows.
- Developed and maintained Python modules for end-to-end payment transaction processing, ensuring high performance and reliability.
- Integrated third-party payment APIs and services into the application for a seamless payment experience.
- Designed database schemas and formulated complex SQL queries for transaction tracking and reporting purposes.
- Employed Object-Oriented Programming (OOP) principles to create a modular and scalable codebase, facilitating future expansions.

Skills: Python, Linux, SQL Server, Oracle DB, SQL, MySQL, Agile.

Tools: MySQL Workbench, Postman, Visual Studio Code (Python), Git, GitLab

EDUCATION

Bachelor of Technology (CSE)
Kurukshetra University

Geeta Engineering College, Panipat, Haryana

12th CBSE
JP World School