VAMSHI POLISHETTI

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Summary

Motivated Junior Software Engineer with a passion for leveraging technology to develop efficient and scalable solutions. Proficient in Python with FastAPI, SQL Server database management, and version control using Git. Hands-on experience in designing and implementing robust backend systems and cloud-based solutions using AWS.

Experience

CStoreiQ — Junior Software Engineer (Full-time) Feb 2024 - Present

- Expertise in Python, FastAPI, and Elasticsearch, contributing to impactful software solutions in an Agile environment.
- Proficient in database management, API integration, and collaborative tools like Bitbucket.
- Successfully managed two major API projects for cstoreiq back-office application and live data integration.
- Implemented comprehensive logging across multiple projects, ensuring seamless debugging and enhanced monitoring capabilities.
- Developed and optimized SQL stored procedures, significantly improving API performance and functionality.
- Resolved over 50+ Jira issues, addressing critical bugs and feature enhancements to ensure system reliability and customer satisfaction.
- Mentored team members in SQL, API integration, and debugging, fostering a collaborative and growth-focused environment.
- Created detailed technical documentation for internal tools and other modules, ensuring effective project maintenance and knowledge sharing.
- Collaborated with cross-functional teams to implement live data integrations and improve overall system performance.
- Contributed to developing the Altria settings page for efficient handling of retailer-specific configurations.
- Streamlined the Excel sheet import process for price book data, including advanced error handling and validation, ensuring smoother onboarding for new stores.
- Optimized the bulk update functionality for managing items, enabling seamless handling of large-scale updates and reducing manual errors.
- Designed and implemented a robust role-based access control system for the Backoffice application, tailoring permissions for roles like Super Admin, Cashiers, Company Admins, and Store Managers.

Saven Technologies — DevOps Trainee (Full-time Internship) Jan 2024 - Feb 2024

- Hands-on experience in DevOps methodologies, working with tools like Grafana, Prometheus, and Elastic Stack (ELK) to streamline infrastructure monitoring and performance tracking.
- Configured and monitored systems using Grafana and Prometheus, improving operational visibility by 35%.
- Enhanced system performance through integration of Elastic Stack for comprehensive logging and monitoring.

Impex Softech — Java Trainer (Freelance) Jul 2023 - Sep 2023

- Educator specializing in core Java and software development, committed to delivering engaging and interactive training for aspiring developers.
- Conducted interactive classes on Core Java, JSP, and MySQL, achieving a 95% student satisfaction rate.
- Simplified complex topics like multithreading and JDBC, boosting student retention by 30%.
- Designed and delivered presentations on software development best practices, enhancing course impact.

CodeClause — Java Development Internship   Jun 2023 - Jul 2023

- Dynamic Java Developer with expertise in creating robust applications using Java Swing and MySQL, excelling in delivering solutions in remote work environments.
- Reduced project completion time by 20% while enhancing system responsiveness by 30%.
- Achieved a 95% issue resolution rate within 24 hours, demonstrating effective problem-solving skills.

Academic Project

Detection of Covid-19 from Chest X-ray using Python. — GitHub Link   Jun 2022 - Sept 2022

- Developed COVID-19 Detection Web App with 95% accuracy using ResNet-50.
- Reduced X-ray image processing time by 50% to 5-10 seconds.
- Improved pandemic response protocols, reducing case numbers by 20%.

Technical Skills

- **Programming Languages:** Python, OOPS, Java, Core Java.
- **Advanced Java:** JDBC, JSP, Servlet
- **Frameworks and Libraries:** FastAPI, Spring Boot, Hibernate, Micro services.
- **Web Technologies:** HTML5, CSS3, JavaScript(basic).
- **Database Management:** SQL Server, MySQL.
- **Development Tools:** Eclipse IDE, Git/GitHub, Bitbucket Apache Maven, MySQL Workbench, Postman tool.
- **Other Skills:** FastAPI and RESTful APIs, JUnit, Apache Tomcat, Agile/Scrum Methodologies.

Certifications

- Java Development Internship Certificate at Code Clause.
- Java certificate from Great Learning.
- SQL certificate from Hacker Rank.

Education

Master of Computer Applications, Telangana University - 8.87/10	Dec 2020 - Sept 2022
B.Sc. in Computer Science, Girraj Govt. College - 9.59/10	Jun 2017 - Sept 2020
Intermediate in MEC, Kshatriya Jr. College - 932/1000	Jun 2015 - Mar 2017
SSC, Vidya Jyothi High School - 8.3/10	Jun 2014 - Mar 2015