Pallav Poddar

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Summary

Senior Software Engineer with over 7 years of experience specializing in React JS, Java, Python, and JavaScript. Demonstrated expertise in enhancing software functionality and adding significant value to products through the application of React and Spring Boot frameworks. Proven ability in collaborating with diverse teams to ensure timely project delivery and high code quality. Currently open to work on an immediate basis, with the ability to work in the USA using L2S visa status, aiming to leverage technical skills to create innovative, cutting-edge applications in the life science domain.

Work Experience

eQ Technologic

Senior Software Engineer | Nov 2023 - Jul 2024 | Pune, India

Software Engineer | Jan 2020 - Oct 2023 | Pune, India

- Promoted to Senior Software Engineer in November 2023 for outstanding performance and contributions to key projects.
- Redesigned critical UI components by migrating Zul - ZK to React.js, resulting in a more modern and user-friendly interface.
- Developed comprehensive debugging functionality using Java, JavaScript, and WebSocket, streamlining the troubleshooting process.
- Optimized key features like the import functionality (using Zul - ZK), reducing data processing time by over 50%.
- Implemented React and Spring Boot frameworks, increasing product efficiency by 30%.
- Developed scalable and maintainable code aligned with Agile methodologies, enhancing project efficiency and code quality.
- Improved real-time client-server communication by implementing Spring WebSocket, SockJS, and STOMP.js, reducing server load.
- Utilized SQL queries to manage and update product metadata, and employed SQL Developer and SQL Plus for efficient database querying.
- Collaborated with cross-functional teams to resolve technical issues, ensuring timely project delivery and high-quality outcomes.
- Led the modernization of old code bases, transitioning them to ES6 and modern development standards for better maintainability.
- Used Jira for task management, ensuring alignment with Agile workflows and improving team coordination.
- Conducted unit testing and code reviews, ensuring high-quality deliverables with minimal post-deployment issues.

Dimentrix Technologies Pvt. Ltd.

Software Engineer | Jun 2016 - Oct 2019 | Pune, India

- Single-handedly developed an ETL feature using Python, Apache Spark, and Java, significantly enhancing data processing capabilities.
- Automated workflows on Linux-based OS (Ubuntu) using shell scripts, streamlining daily tasks and improving efficiency.
- Implemented scalable, testable, and maintainable code to meet project specifications and performance expectations.
- Enhanced product usability and user satisfaction by adding new features and optimizing existing ones.
- Collaborated with clients to define solution requirements, ensuring that deliverables met business goals.
- Improved team productivity by mentoring peers on Python and JavaScript, leading to faster project completion.
- Coordinated with other engineers to evaluate and improve products, leading to higher quality and efficiency.
- Developed and delivered unit-tested systems using SVN within customer-prescribed timeframes, ensuring timely and quality releases.

Skills

Programming Languages:

- **Java:** Advanced – Extensive experience in developing scalable applications and backend systems.
- **JavaScript:** Proficient – Expertise in modern frameworks (React.js) and ES6+ standards.
- **Python:** Proficient – Used in ETL development, data processing, and automation scripts.
- **SQL:** Advanced – Skilled in writing complex queries, managing databases, and optimizing data operations.

Frameworks and Libraries:

- **React.js:** Proficient – Expertise in UI/UX development, modernizing interfaces, and improving performance.
- **Spring Boot:** Advanced – Experience in developing scalable microservices and backend applications.
- **Spring WebSocket, SockJS, STOMP.js:** Proficient – Enhanced client-server communication and real-time data updates.
- **Zul - ZK:** Proficient – Experienced in legacy system integration and optimization.
- **Cypress:** Proficient – Used for writing and automating UI test cases.

Tools and Platforms:

- **Jira:** Proficient – Task management and Agile project coordination.
- **SQL Developer & SQL Plus:** Proficient – Database management and querying in Oracle DB.
- **Apache Spark:** Intermediate – Used for ETL development and data processing.
- **Linux (Ubuntu):** Proficient – Daily usage for development, scripting, and automation tasks.
- **Git & Bitbucket:** Proficient – Version control and codebase management.
- **SVN:** Proficient – Version control and codebase management.

Web Technologies:

- **HTML/CSS:** Proficient – Experience in creating responsive and modern web interfaces.
- **WebSocket:** Proficient – Implemented for real-time data streaming and communication.

Development Methodologies:

- **Agile:** Advanced – Extensive experience in iterative development, sprint planning, and task management.
- **Test-Driven Development (TDD):** Proficient – Applied in unit testing and ensuring high-quality deliverables.

Database Management:

- **Oracle:** Proficient – Database querying, metadata management, and optimization.

Certification

AWS : Introduction to Containers

AWS Fargate - Overview

AWS: Deep Dive in Container Security

Meta: Programming in Python

Education

PES Modern College of Engineering
Master of Computer Applications | *May 2013 - Apr 2016* | Pune, India

MITSOM College
Bachelor of Computer Applications | *May 2010 - Aug 2013* | Pune, India