Zachary Rich

Summary

Backend developer proficient in Java Spring, who embraces new technologies for continuous growth in the dynamic tech industry. My expertise lies in Java, API development, SQL, and testing, where I excel in applying software engineering methodologies and principles. Committed to delivering reliable and maintainable software, I actively seek opportunities for self-improvement and growth in this fast-paced environment.

Technical Profile

Languages: Java, SQL

Platforms and Frameworks: Spring, Hibernate, Jackson, Jenkins**,** JUnit**,** RESTful web services, Liquibase, AWS (S3, SQS)

Other: Git, Intellij, JIRA, FFMPEG, Test Driven development, Sumo logic

Experience

Retrieve Technologies - Java API Developer (April 2022 - December 2023)
- Successfully delivered feature requests on a fast-paced release schedule.
- Wrote and Implemented API specification documents for our Saas project, ensuring clarity and adherence to project requirements.
- Implemented/Maintained API endpoints using Java Spring according to business requirements.
- Developed FFMPEG-based tools for video presentation generation on the job server.
- Wrote and maintained Jobs for the Job Server.
- Participated in the full software development lifecycle.
- Used SQL and Liquibase to write database changelogs and implement Dao's
- Managed and updated the automated test suite through Jenkins, ensuring continuous integration and testing practices.
- Collaborated effectively with the team using Git, fostering a streamlined and efficient development workflow.

IT Support - Salem State University, Salem Ma (2019 - 2022)
- Respond to issue tickets from faculty, staff and students
- Active Directory Administration
- Administrating Confluence knowledge base articles

Assistant Server Admin Computer Science Department Salem State University, Salem Ma (2017-2019)
- Championed the setup of new Computer Science and general class labs
- Maintained faculty and student file server that managed class resources
- Student account creation and maintenance

Projects

Kitchen App - IOS app created with Swift 5 and Swift UI designed to manage food waste by tracking on-hand ingredients, managing recipes and food expiry date

AirRes - A proof of concept program that manages flight ticket inventories for use by an airline using Java

Education

Salem State University 2021, Computer Science/Software Engineering