

Professional Summary:

Dynamic and results-driven Software Engineer with about 2 years of expertise in Java Backend development and a Master of Technology degree. Skilled in building robust, scalable solutions and streamlining processes using cutting-edge technologies and AI tools. Adept at Agile methodologies, committed to delivering high-quality software. A collaborative team player with exceptional analytical skills, passionate about exceeding client expectations and driving project success.

Professional Experience:

Software Engineer, RBM Software (Feb 2023 – Nov 2024)

- **Application Development:** Developed of the Dynamic Options Association Tool (DOAT) 2.0 for Restoration Hardware as part of a 5-person team, utilizing Core Java, MongoDB, GCP, and AWS technologies.
- **Process Optimization:** Reduced the manual processing time of SKUs from 8 hours to 30 minutes by implementing a scalable web-based application, enhancing operational efficiency by 90%.
- **Collaboration & Communication:** Participated actively in daily standups, fostering clear communication within the team and ensuring alignment with project goals.
- **Technical Contributions:** Developed integration layers using AWS S3 & SQS to automate SKU mappings, significantly improving the automation process.
- **Quality Assurance:** Assisted in implementing validation and security measures using Spring Validator annotations and Spring Security, ensuring the application's reliability and security.
- **Testing & Deployment:** Conducted comprehensive API testing using Postman and JUnit, contributing to the seamless deployment and stability of the application.

Technical Proficiencies/ Skills:

- **Java & Spring Framework:** Mastery in Core Java, J2EE, JSP, JDBC, JSTL, Hibernate JPA, Spring MVC, Spring Boot, and Thymeleaf.
- **Web & API Development:** Extensive experience in developing RESTful APIs, microservices architecture, and implementing MVC patterns.
- **Databases & Cloud Services:** Proficient in MongoDB, AWS (S3, SQS), Google Cloud Platform (GCP) and MySQL.
- **CI/CD:** Skilled in Jenkins, Git, and GitHub, with a strong focus on CI/CD.
- **Testing & Debugging:** Expertise in unit testing with JUnit, API testing using Postman, and ensuring code quality through rigorous debugging practices.
- **Agile Methodologies:** Well-versed in Agile Scrum processes, including sprint planning, daily standups, and iterative development.
- **Tools & Technologies:** IntelliJ, Eclipse, Jenkins, JUnit, Git, GitHub, Postman, SumoLogic.

Software Engineer | Samrat Choudhury
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Education:

- **Master of Technology in Mechanical Engineering**, NERIST (July 2018 – May 2020)
- **Bachelor of Technology in Mechanical Engineering**, NERIST (July 2014 – May 2018)

Licenses & Certifications:

- **Getting Started with AWS Machine Learning** – Coursera
- **AI Tool Mastery Program** – Be10x
- **Effective Prompt Writing** – Be10x
- **Fundamentals of Docker & Kubernetes** – Scaler

Personal Attributes:

- **Analytical & Quick Learner:** Ability to rapidly grasp complex concepts and translate them into actionable solutions.
- **Team-Oriented:** Thrives in collaborative environments, consistently contributing to team success and project goals.
- **High Performance Under Pressure:** Adept at managing multiple priorities and meeting tight deadlines without compromising quality.

Declaration

I hereby affirm that all the information provided above is accurate and true to the best of my knowledge and belief.

Place: Bangalore

SAMRAT CHOUDHURY