

ASHITHA SHETTY

ashithashetty333@gmail.com • [LinkedIn](#) • [Portfolio](#) • +917676675336

Detail-oriented Software Engineer with strong expertise in Java ,CI/CD and AWS, specializing in secure payment systems, transaction management, and data reconciliation. Experienced in developing scalable backend solutions, managing complex data migrations, and improving system observability using tools like Open Telemetry. Proficient in RESTful APIs and Spring frameworks, with a proven ability to deliver accurate, efficient, and reliable software in dynamic, fast-paced financial environments.

PROFESSIONAL EXPERIENCE

[FINANCIAL SOFTWARE AND SYSTEMS](#)

Software Engineer Aug, 2023 - Present

Reconciliation & File Processing

- Maintained and implemented code changes for backend modules handling **file extraction** and **reconciliation processes** across multiple **NI (Network International)** banks like **ENBD, CBD, UAENI, ALAIN** ensuring transactional consistency at scale.
- Contributed to the **Toggle Transaction** project, optimizing transaction workflows for improved processing efficiency and reliability.
- Developed and deployed client-specific solutions for the **RECON-NI (Network International)** project, integrating with **Visa, Mastercard, JCB** and **Fexco**.
- Collaborated closely with the **QA** team during release cycles, ensuring smooth deployments, environment readiness, and timely resolution of issues to maintain release quality and stability.

DevOps & Monitoring

- Designed and implemented **CI/CD** automation pipelines for the **Recon** project using Jenkins, improving deployment speed, reducing manual intervention, and ensuring consistent delivery across environments.
- Implemented **Open Telemetry** in the Reconciliation Project for **end-to-end monitoring**; integrated with **Prometheus** and **Grafana** to provide real-time dashboards and actionable insights into system performance and traceability.
- Part of a team responsible for the data migration process from **Oracle 19c** to **AWS Aurora MySQL**, leveraging Apache Spark with the **PySpark library** to handle **large-scale data processing** efficiently within the AWS cloud infrastructure.
- Developed **PySpark** scripts for **data comparison and validation**, ensuring accuracy and consistency between Oracle and AWS Aurora MySQL databases during the migration process.

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Software Engineering Intern Feb, 2023 - July, 2023

- Learned backend development concepts and gained hands-on experience with Java (Spring Boot, Spring MVC), JSP, HTML5, and CSS by worki`ng on internal financial application modules under senior developer guidance.
- Assisted in analyzing functional requirements and participated in creating technical documentation under the guidance of senior team members.
- Gained exposure to the full software development lifecycle, including basic coding tasks, unit testing, debugging, and preparing internal documentation.

EDUCATION

Nitte Meenakshi Institute Of Technology, Bangalore 2021-2023
Masters of Computer applications – 8.91 CGPA

Shri Dharmasthala Manjunatheshwara Degree College, Ujire 2018-2021
BSc- Statistics, Mathematics, Computer Science - 78.83%

KEY ACHIEVEMENTS

- Configured OpenTelemetry in the production environment for the Reconciliation Project, improving system monitoring efficiency by 25%.
- Successfully secured S3 certification for the Recon NI project (ENBD),enhancing system compliance.

PROJECTS

- [Transaction Tracker](#) - *Tech Stack: Spring Boot ,MySQL, Docker*
 - Created a lightweight backend system to track and manage financial transactions using Spring Boot, REST APIs.
 - Integrated with MySQL DB for secure and consistent transactional storage.
- [URL Shortener](#) - *Tech Stack: Spring Boot, MySQL, JPA*
 - Built a URL shortening service similar to Bitly using Spring Boot and JPA for persistence.
 - Implemented RESTful APIs to encode long URLs into short unique aliases with redirect logic.

TECHNICAL SKILLS

- Programming Languages:** Java , HTML, CSS, JSP , SQL
- Technologies/Frameworks:** Springboot, Spring MVC, Microservices, JPA, BitBucket, Git , CI/CD, Jenkins, Docker, Kubernetes.
- Platforms & Services:** AWS, Linux, Oracle, MySQL, Prometheus, Grafana

ADDITIONAL INFORMATION

- Languages:** English (Professional), Tulu(Mother tongue), Kannada (Native), Hindi (Fluent)
- Interests:** Passionate about reading and exploring ancient stories, particularly fascinated by the Mahabharata and other traditional epics.