

ASHITHA SHETTY

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

Detail-oriented Software Engineer with strong expertise in Java 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, CUP, Planet Pay, 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

- 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 working 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 Open Telemetry in production environments, increasing system monitoring efficiency by 25%.
- Developed scalable Python scripts to handle data migration for large datasets, ensuring 100% data integrity and accuracy for non-primary key tables.

PROJECTS

- Transaction Tracker** - Tech Stack: Spring MVC, Oracle
Developed a minimal financial transaction monitoring system to track and manage transaction data efficiently. Implemented core backend functionalities to ensure secure data handling and streamlined processing.
- Customer Segmentation using Machine Learning**
Developed a customer segmentation model on a banking dataset using clustering techniques (K-Means) to group customers based on demographics, financial behavior, and transaction patterns.

TECHNICAL SKILLS

- Programming Languages:** Java, Spring MVC, Spring Boot, JPA,Hibernate,Python ,HTML, CSS, JSP , SQL
- Technologies/Frameworks:** Microservices, RESTful APIs,MySQL, Git , AWS, Linux, Oracle, Docker

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.