Abhinav H K

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SUMMARY

Innovative Full Stack Developer specializing in scalable Java microservices, cloud-native architectures, and secure data handling. Passionate about crafting high-performance solutions that optimize workflows and enhance deployment efficiency.

EDUCATION

Reva University　　Bengaluru, Karnataka
B.Tech in Computer Science Engineering, CGPA : 9/10　　*2020 – 2024*

Jawahar Navodaya Vidyalaya　　Mangalore, Karnataka
CBSE Class XII, Percentage: 89　　*2020*

TECHNICAL SKILLS

Programming Languages: Java, SQL
FrontEnd Development: React, CSS, Html, Angular
BackEnd Development: Spring, Apache Camel, Hibernate
Messaging Systems: ActiveMQ, Solace, Kafka
Database Management: Oracle Database, Liquibase, H2, MongoDB
Devops Deployment: Github Actions, Openshift, AWS(localstack), Docker

EXPERIENCE

Software Engineer　　May 2024 – May 2025
ANZ Operation and Technology Pvt Ltd　　*Bengaluru, Karnataka*

- Developed robust Java-based backend services, enhancing the usability and performance of customer-facing web tools for payment processing.
- Designed and implemented end-to-end microservices architecture, achieving a 30% reduction in manual processing time through optimized CI/CD workflows.
- Delivered the Mandate Payments feature for credit card users in Australia and New Zealand, enhancing transaction accuracy by 20% .
- Improved PayTo event handling by implementing custom filtering and enrichment logic within the Payment Service Platform, significantly reducing processing failures and ensuring full compliance with the New Payments Platform (NPP) ecosystem.

PROJECTS

Patient Management System | *Java, Spring Boot, AWS, Kafka, React*

- Designed and developed a patient management platform to streamline hospital workflows and improve data accessibility. Implemented secure user authentication using OAuth2/JWT and designed RESTful APIs that handle high-volume patient data. Inter-service communication via Kafka to ensure timely data flow across modules. Spearheaded the deployment of containerized microservices using Docker.

ANZx - Credit Card Account Payments | *Java, Spring Boot, Liquibase*

- Developed a feature enabling customers to set up automated and recurring repayments, resulting in a 30% increase in payment setup adoption and ensured compatibility with Australia's NPP ecosystem, improving payment speed and reliability.Built dynamic validation logic to support new BSB ranges, reducing payment failures by 20% and enhancing customer experience.

Bank-Led Migration – Enhanced Filtering for PayTo Events | *Java, OracleDB, Solace*

- Enriched the Mandate Wrapper Objects (MWO) with product and sub-product codes using ALS service responses, which improved the accuracy of For Your Action (FYA) notifications. Ensured that the enrichment process was applied consistently across both mandate creation and amendment flows, contributing to better data consistency. Developed and executed comprehensive unit tests covering critical edge cases and business logic, which boosted test coverage by 25% and improved stability in production.

CERTIFICATIONS AND RECOGNITION

Google Data Analytics
Google

Advanced SQL
HackerRank

Team Lead - Hackathon　　Reva University, Bengaluru
Collaborated with a 4-member team to achieve good idea recognition among over 200 participants.