Mohammed Adil

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Summary

- Back-end developer with a strong foundation in Java Spring Boot, Microservices, and Cloud technologies.
- Experienced in designing, developing, and deploying enterprise-grade applications with optimized performance and scalability.
- Skilled in REST API development, database management (PostgreSQL/MySQL), and CI/CD integration.
- Recognized for problem-solving, collaboration, and achieving project milestones within deadlines.
- Passionate about learning modern technologies and contributing to high-impact projects that drive innovation.

Experience

Technology Analyst, Infosys Limited – Mangalore, India [Feb 2022 - Present]

1. **Pharmacy Credential Platform**

   - Developed a Java Spring Boot application that centralized license and certification information for employees.
   - Implemented a scalable microservices architecture that processes multiple file sources through Azure Cron jobs.
   - Aggregated license data to build detailed employee profiles and generated analytical reports for tracking progress.
   - Optimized performance to generate over **100K+ employee profiles within 5 minutes**, integrating data from 10+ sources.
   - Collaborated with QA teams to ensure data accuracy and smooth delivery to business stakeholders.

2. **ROCM Foundation – PCF to Azure Cloud Migration**

   - Containerized existing applications by creating configuration files including `Dockerfile`, `deployment.yaml`, `service.yaml`, `ingress.yaml`, `secrets.yaml`, `configmap.yaml`, and autoscaler files.
   - Designed and maintained Jenkins CI/CD pipelines for automated application deployment.
   - Monitored and managed containerized applications within Kubernetes clusters using `kubectl` commands.
   - Performed post-deployment testing and API validation through Swagger and Postman tools.

Projects

1. **Muaddat – Equipment Marketplace Platform**

   - Developed and launched a full-stack marketplace for renting and selling industrial equipment across the Middle East, supporting vendor onboarding and real-time booking.
   - Built scalable backend services using Spring Boot microservices, PostgreSQL, and Kafka; implemented JWT-based authentication and vendor verification.
   - Integrated AWS S3 for image storage and Kafka for real-time messaging between services.
   - Implemented role-based dashboards for vendors and customers using React.js with Redux Toolkit and dynamic routing.
   - **Tech Stack:** React.js, Spring Boot, PostgreSQL, Kafka, AWS S3, JWT

2. **WashCare – Multi-Tenant Laundry SaaS (React Native)**

   - Built a React Native mobile application enabling users to schedule pickups, track orders, and receive push notifications.
   - Developed a Spring Boot backend for booking management, subscription plans, JWT authentication, and Telr payment gateway integration.
   - Designed admin dashboards for managing orders, subscriptions, and customer support using React.js and TailwindCSS.

- **Tech Stack:** React Native, Spring Boot, Telr Payments, PostgreSQL, JWT, TailwindCSS

3. **Wafa Enterprises – Product Inventory & Sales Dashboard**
   - Developed a centralized dashboard for supplier management, inventory tracking, and sales reporting.
   - Implemented automated invoice generation and role-based user access control for improved operational efficiency.
   - **Tech Stack:** React.js, Spring Boot, PostgreSQL, REST APIs, TailwindCSS

4. **Lucky Draw Payment Application**
   - Designed and implemented a secure lucky-draw-based payment platform with random winner selection algorithms.
   - Integrated payment workflows with Tap Payments and automated SMS/email notifications using Twilio and Infobip APIs.
   - Implemented audit logging and fraud prevention for all draw transactions to ensure transparency in winner announcements.
   - **Tech Stack:** Spring Boot, React.js, Tap Payments, Twilio/Infobip, PostgreSQL

Education

NMAM Institute of Technology, Nitte — *Bachelor of Engineering*
- 2015 - 2019

Continuous Learning & Certifications
- **Cloud Digital Leader Certification:** Issued by Google Cloud.
- **Udemy Courses:**
  - React – The Complete Guide (Hooks, Redux, Router)
  - Microservices with Spring Cloud, API Gateway, and Docker

Achievements & Awards

- **Most Valuable Player of the Quarter – Infosys Limited (2025):** Honored for outstanding contribution to backend optimization and high-quality project delivery.
- **Best Team – Project Excellence Award – Infosys Limited (2023):** Recognized for exceptional teamwork and successful implementation of the Pharmacy Credential Platform project.

Technical Skills

- **Programming Languages:** Java (8–17), JavaScript (ES6+) (Basic), SQL
- **Backend Development:** Spring Boot, Spring Security, Spring Data JPA, Hibernate, RESTful APIs, Kafka Streams, JWT, OAuth2, API Gateway, Microservices
- **Frontend Development:** React.js, React Native, HTML5, CSS3, Bootstrap, TailwindCSS, Redux Toolkit (basic)
- **DevOps, CI/CD & Tools:** GitHub Actions, Jenkins, Docker, Kubernetes (EKS), Maven, Postman, Swagger, IntelliJ, VS Code, Spring Tool Suite 4
- **Cloud Platforms:** Azure, Google Cloud Platform (basic), AWS
- **Databases:** PostgreSQL, MySQL
- **Monitoring & Observability:** Azure, Prometheus
- **Architecture & Design:** Microservices, Event-Driven Architecture, Load Balancing, Horizontal Scaling, High Availability