

MOHAMMED OZAIR MOHIUDDIN

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PROFESSIONAL SUMMARY

Full-Stack Developer and Computer Engineering student with 3+ years of hands-on experience in cross-platform mobile development (React Native, Flutter) and MERN stack applications. Proficient in RESTful API integration, cloud-native DevOps (AWS, Docker), and end-to-end product lifecycle management. Skilled at transforming complex requirements into scalable, user-centric solutions aligned with business objectives.

CORE SKILLS:

- Full-Stack Development | Mobile App Development | RESTful APIs | Cloud Engineering (AWS, Firebase, Oracle Cloud) | Docker | Kubernetes | CI/CD | Automation | AI/ML deployment | IoT systems | Agile & Scrum Methodologies | DevOps Practices | Technical Documentation | Problem-solving | Stakeholder Communication | Time Management | Client Management | Cross-Functional Collaboration | Data-Driven Decision Making | Project Lifecycle Management | Software Development Life Cycle (SDLC)

TECHNICAL SKILLS:

- **Mobile Development:** React Native, Flutter, Swift
- **Frontend Development:** React, JavaScript (ES6+), HTML5, CSS3, Redux
- **Backend Development:** Node.js, Python (Django/Flask), REST APIs, Kong API Gateway
- **Programming Languages:** JavaScript, Python, C, SQL, VHDL
- **Cloud/DevOps:** AWS (EC2, S3, IAM, Lambda, Secrets Manager), Docker, Kubernetes, CI/CD
- **Databases:** MySQL, MongoDB

PROFESSIONAL EXPERIENCE:

BetterPlace Safety Solutions (HRMS SaaS & Cloud Solutions) – Associate Solutions Architect

Sept 2024 – Present

- Designed and deployed end-to-end **BPMN workflows** using **Flowable** to automate **HRMS** modules like onboarding, attendance, and payroll.
- Integrated **BPMN-driven services** with **AWS S3, Secrets Manager** and **MongoDB** to ensure secure, scalable automation.
- Authored modular automation scripts in Groovy for repetitive business tasks, reducing manual errors by 30%.
- Developed **RESTful APIs** and managed microservice routing and access control via **Kong API Gateway**, ensuring high availability and secure inter-service communication.
- Helped architect and implement a seamless integration between **Oracle HCM** and the GoBetter platform, syncing critical employee and organizational data.

Troopers Innovation Sdn. Bhd. (Freelance Marketplace) – Intern, Digital Transformation & Change Management

June 2024 – Sept 2024

- Integrated OCR AI model into **React Native app** for IC validation, achieving 98% accuracy.
- Streamlined data workflows using **Python/REST APIs**, saving 30+ hours/month in manual tasks.
- Developed automation pipelines using **Microsoft RCA** to automate repetitive business operations such as candidate shortlisting and scheduling.
- Supported digital transformation initiatives by optimizing backend tasks and reducing human error in daily operations.

PROJECTS:

- **E-Commerce Platform (MERN)** | Apr 2024
 - Built a scalable MERN stack application with Stripe API and JWT Auth.
- **Hand Gesture Recognition AI (YOLOv8/Flask)** | Mar 2024
 - Integrated with React Native, deployed on Arduino with WebRTC communication. 95% model accuracy.
- **First Responder Reaction Timer (VHDL/FPGA)** | Dec 2023
 - Built D flip-flop circuit for latency-optimized timing logic. Reduced delay by 15%.
- **Electric vehicle SoC prediction model with error correction mechanism (AI)** | Aug 2025
 - Developed a hybrid deep learning model with R² score of 0.9988 for electric vehicle state-of-charge estimation.
- **Banking System (Python/React/MySQL)** | Sep 2021
 - Migrated legacy system into full-stack architecture with modern UI/UX and user dashboard.

EDUCATION:

- **Bachelors in computer engineering (CGPA: 3.27/4.00)** – Asia Pacific University | Sep 2021 – Present

CERTIFICATIONS:

- **Software Engineering** | Oct 2022
- **Cisco CCNAv7: Introduction to Networks - Cisco** | Aug 2022
- **Foundational C#** | Feb 2024
- **Oracle Cloud Infrastructure Foundations** | In progress
- **AWS Cloud Essentials** | In progress