MOHAMMED ASHIR

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with 4+ years of experience in full-stack development and enterprise system integration. Proficient in customizing and deploying containerized (Docker) ERP solutions (Odoo) on cloud platforms like AWS and DigitalOcean. Skilled in Python for backend development and complex API integrations (Traccar). Experienced in creating modern web applications with the MERN stack and Java Spring Boot, delivering scalable and efficient software in agile environments.

WORK EXPERIENCE

Software Engineer

Ray Fit Out Interior, Dubai LLC

📅 June 2025 – Present   📍 Dubai

- Develop and customize Odoo ERP modules using Python to meet specific business requirements.
- Manage containerized ERP deployments using Docker, hosted on cloud platforms including AWS and DigitalOcean.
- Engineer and integrate a Traccar tracking system API for real-time asset and fleet management within Odoo.
- Develop a custom QuickBooks integration API to automate financial data synchronization and streamline invoicing.

Full-Stack Developer

NAB Advertising

📅 Feb 2024 – May 2025   📍 Remote

- Developed and maintained full-stack MERN applications, building scalable REST APIs and responsive UIs with TypeScript and Tailwind CSS.
- Implemented key features including user authentication, payment gateway integration, and role-based access control.
- Managed CI/CD pipelines for automated deployments to cloud services including AWS, Vercel, and Netlify.

Software Engineer

Accenture – AT&T Project

📅 Jan 2022 – Jan 2024   📍 Remote – Bangalore

- Developed Java-based RESTful services using Spring Boot in a microservices architecture.
- Built and maintained frontend components using React.js with Redux for state management.
- Wrote and maintained unit and integration tests using JUnit and ensured code quality with SonarQube.

CERTIFICATIONS

- IELTS (C1 Level) – English Proficiency (2024)

EDUCATION

Bachelor of Engineering (B.E), Computer Science

Visvesvaraya Technological University (VTU)

📅 2017 – 2021   📍 India

RELEVANT COURSES

- MERN Stack Development
- Java with Spring Boot
- Python Programming

TECHNICAL SKILLS

- **Languages:** Java, Python, TypeScript, JavaScript
- **Frontend:** React.js, Next.js, Tailwind CSS, Redux, Material-UI
- **Backend:** Node.js, Express.js, Spring Boot, REST APIs, Odoo
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase
- **DevOps:** Docker, Kubernetes, AWS, CI/CD

PROJECTS

Mutual Fund Investment System

React + Firebase

- Tracks mutual fund investments with performance analytics
- Real-time data and dashboard using Firebase backend

MakoShark – Apparel E-commerce

MERN Stack

- Full-stack app with JWT auth integration
- Admin dashboard for inventory & order control

Fodome – Food Waste Reduction App

Flutter + Firebase

- Personal app to track and reduce food waste with expiry reminders
- Firebase used for auth, cloud storage, and real-time database