

# Mohamed Abdifitah Mohamed

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## OBJECTIVES

To leverage my expertise in modern software engineering and full-stack development to build scalable, high-impact digital solutions. Seeking to contribute to innovative projects in smart infrastructure, enterprise systems, and consumer applications, while continuously advancing my technical and leadership capabilities in a dynamic and growth-oriented environment.

## EXPERIENCE

### SOFTWARE ENGINEER & REMOTE TEAM LEAD | LORANET TECHNOLOGIES PLT | OCTOBER 2024 - PRESENT

- Led the end-to-end development of multiple dashboard modules for the National Intelligent Traffic Monitoring Centre (NITMC) under the Ministry of Works (KRR) and Public Works Department (JKR) Malaysia, utilizing Next.js, React, and TypeScript.
- Spearheaded the frontend development for the PRESTIJ Integrated Traffic Management System, including the Smart Traffic Light (STL) Dashboard, Speed Sign Sensor (SSS) Dashboard, and MyAduan public complaint management system.
- Engineered and maintained the Computerized Maintenance Management System (CMMS - INFRABOT) for asset lifecycle management, work order tracking, and preventive maintenance scheduling, serving multiple municipal organizations.
- Developed Laundritek, a smart laundry management platform, integrating multiple payment gateways (KiplePay, GrabPay, Boost, TouchNGo) and implementing QR code-based customer access and AI-powered support.
- Manage and coordinate a remote development team, conducting daily scrum meetings to track progress, resolve blockers, and ensure timely delivery of sprint goals and project milestones.
- Established robust coding standards, state management practices, and testing protocols to minimize production bugs and enhance team productivity.

## PERSONAL PROJECTS

### QOONDEYE - PERSONAL FINANCE MANAGEMENT MOBILE APP | INDEPENDENT PROJECT

- Architected and developed a full-stack, cross-platform mobile application for iOS and Android using React Native and Expo SDK, achieving 95% code reuse
- Implemented an advanced financial analytics engine with interactive data visualizations (pie charts, line graphs) for spending tracking and budget insights.
- Integrated OCR technology for automatic receipt scanning and data extraction, reducing manual data entry by an estimated 80%.
- Built a secure backend with Supabase and PostgreSQL, featuring real-time data sync and robust user authentication.
- Engineered an intelligent notification system with background processing for billing reminders and subscription alerts.

## EDUCATION

### BACHELOR'S DEGREE IN INFORMATION TECHNOLOGY | JAMHURIYA UNIVERSITY OF SCIENCE AND TECHNOLOGY | 2021 – 2025

- Status: Graduated

### FULL-STACK DEVELOPER PROGRAM | RISE ACADEMY | 2023 – 2024

- Intensive training in modern web development technologies including React, Node.js, databases, and deployment strategies.

## SKILLS & ABILITIES

### LEADERSHIP

- Took the lead in coordinating a remote software development team at Loranet, facilitating daily scrums, task delegation, and proactive issue resolution to maintain project velocity and team alignment.
- Technical Lead for multiple dashboard systems within the PRESTIJ traffic management platform, guiding development efforts and ensuring architectural consistency across the STL, SSS, and MyAduan modules.
- Founder and lead developer of the Qoondeeye personal finance app, overseeing the entire project lifecycle from initial concept to deployment.

### MANAGEMENT

- Oversaw end-to-end feature development for complex web and mobile applications, from technical specification and task breakdown to implementation, testing, and deployment.
- Managed application state and data flow across large-scale frontend projects using React Context API and modern state management patterns, ensuring scalability and maintainability.
- Coordinated with cross-functional teams in an agile environment to define project scope, prioritize backlogs, and deliver features according to product roadmaps.

### COMMUNICATION

- Effectively communicate complex technical concepts to non-technical stakeholders, including project managers and clients, to ensure clear understanding and alignment.
- Collaborate with backend engineers to define API contracts and integration strategies, ensuring seamless data exchange between frontend applications and server-side systems.
- Create and maintain clear technical documentation for developed features and systems to support future maintenance and onboarding of new team members.

## SOFTWARE SKILLS

- **Expert:** JavaScript (ES6+), TypeScript, React, Next.js, HTML5, CSS3, Tailwind CSS, Git, RESTful APIs, Express.js
- **Proficient:** Node.js, React Native, Expo, PostgreSQL, MongoDB, Supabase
- **Familiar:** Python, C#, Figma, Jira, WebSocket, MQTT, Chart.js, Recharts, Flutter, ERPNext, Frappe, FastAPI, Cheapskate, Keycloak
- **Tools:** VS Code, Postman, Jira, GitHub, Plane, Figma, Cursor

## LANGUAGE

- Somali: Native
- English: Intermediate