

# Md Sajjadur Rahaman

Full Stack Developer · DevOps · AI Practitioner

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## SUMMARY

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Full Stack Developer with 7+ years building end-to-end products across frontend, backend, and cloud infrastructure. Backend- and DevOps-focused: scalable services in Laravel and Express, relational data modeling in MySQL and MariaDB, and deployment through Docker, Nginx, and CI/CD pipelines. Experienced in bringing AI into production — OpenAI and Azure AI features, secure API integrations, and usage tracking. Committed to clean architecture, production reliability, and maintainable code.

## WORK EXPERIENCE

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### MTS Innovation Sdn Bhd

#### Full Stack Engineer

Kuala Lumpur, Malaysia

October 2023 – Present · 2 yrs 9 mos

### Huacomm Telecommunications Engineering (M) Sdn Bhd

#### Junior Software Developer

Kuala Lumpur, Malaysia

February 2022 – September 2023 · 1 yr 8 mos

#### Software Engineer Intern

Kuala Lumpur, Malaysia

September 2021 – January 2022 · 5 mos

### Freelance

#### Backend Developer

November 2019 – September 2021 · 1 yr 11 mos

#### Frontend Developer

October 2018 – November 2019 · 1 yr 2 mos

## EDUCATION

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### Universiti Tenaga Nasional

Master's degree, Information Technology

June 2022 – June 2024

Kajang, Malaysia

### City University Malaysia

Bachelor of Science (BS), Computer Science

September 2019 – February 2022

Petaling Jaya, Malaysia

### Malvern International Academy Malaysia

High School Diploma, Computer Technology / Computer Systems Technology

October 2016 – July 2019

Kuala Lumpur, Malaysia

## SKILLS

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**Frontend Engineering:** Next.js, React + TypeScript, Tailwind CSS, Shadcn UI, Responsive UI architecture, Accessible component design, Performance-focused UX

**Backend & APIs:** Laravel, WinterCMS, Express.JS, RESTful APIs, Authentication & authorization, Cron jobs & Queue processing

**Databases & Data:** MySQL, MariaDB, PostgreSQL, MongoDB, SQLite, Redis, Memcached, Relational schema design, Data modeling and optimization, Large-scale exports and reporting

**Cloud & DevOps:** Linux (Ubuntu, CentOS, Amazon Linux), Docker, Kubernetes, Nginx, Apache, CI/CD pipelines, Automation, Cloud deployment and cost optimization

**AI & Integrations:** OpenAI API, Azure OpenAI / Azure AI Services, Google Gemini API, Anthropic Claude API, Secure API integrations

**Platforms:** iOS, iPadOS, macOS, tvOS, watchOS, Android, Windows and Linux desktop environments, SwiftUI (shared multi-target architecture), Expo / RN, Flutter, Tauri, Kotlin Compose

## PROJECTS

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**Flowpamine: AI Project Management & Knowledge App (Desktop)** Ongoing  
Offline-first, AI-powered project management and knowledge organization app that combines local LLMs with cloud AI for planning, tasks, and intelligent content linking.

**Flowpamine: Real-Time Collaborative Project Management Platform (Backend API)** Ongoing  
Real-time collaborative project management backend API built with Winter CMS, enabling teams to manage whiteboards, tasks, notes, and events with live synchronization.  
[app.flowpamine.io](http://app.flowpamine.io)

**Property Management & Clubhouse Platform (Backend API)** Ongoing  
Backend API platform for property management and clubhouse operations, built on Winter CMS with modular plugins and mobile/web API support.  
[lakers.framer.website](http://lakers.framer.website)

**Autonomous Shuttle Service Platform** Completed  
A production-grade backend platform combining secure APIs and real-time fleet streaming to power autonomous shuttle operations.

**ScameterPlus Lucky Draw CMS (Scameter Lucky Draw)** Completed  
A two-system lucky-draw platform: Winter CMS admin operations plus a production-style Express API for device-based auth, scoring, tickets, weighted prize draws, and queued winner notifications.

**NMS Backend | Network Management System (Backend)** Completed  
Backend for a Network Management System built on Winter CMS (Laravel-based), providing SNMP device monitoring, traffic analytics, downtime ticketing, PEDi compliance reporting, and JWT-secured APIs for web/mobile clients.

## LANGUAGES

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Bengali (Native), English (Professional), Hindi (Conversational)