AASIM MOHAMED

Full-Stack Software Engineer | Cloud & AI Integration

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https://aasim-mohamed.vercel.app

PROFILE

Full-stack engineer with 4+ years' experience shipping web and mobile apps for international clients, including German telecom and property-management platforms. Strong in JavaScript/TypeScript (React, Next.js, Node.js, Angular) and cross-platform mobile (Ionic, Flutter). Experienced in taking products from development through publication and ongoing maintenance. Expanding into cloud infrastructure (AWS, Docker, CI/CD) and AI features (LLM APIs, RAG).

WORK EXPERIENCE

Senior Software Engineer, *Nintellix* 05/2026 – Present | Colombo, Sri Lanka

Senior Software Engineer, *iTeq Solution Center* 01/2026 – 04/2026 | Colombo, Sri Lanka

Software Engineer, *Baylanka Technologies Pvt (Ltd).* 07/2022 – 12/2025 | Colombo, Sri Lanka

EDUCATION

Higher National Diploma in Information Technology, 2021 – 2024 | Galle, Sri Lanka
Sri Lanka Institute of Advanced Technological Education

SKILLS

Programming Languages
JavaScript (ES6+), TypeScript, Python, PHP, Dart

Frontend Frameworks and Libraries
React.js, Next.js, Angular, Redux Toolkit, React Query, HTML5, CSS3/SCSS, Tailwind CSS, Material UI

Mobile
Ionic, Flutter

Backend & APIs
Node.js, Express.js, Nest.js, Laravel, REST, GraphQL, WebSockets/Socket.io, JWT/OAuth 2.0, Swagger/OpenAPI, Third-party & Payment Integration (Stripe/PayHere)

Databases
PostgreSQL, MySQL, MongoDB, Redis, Firebase, Prisma/Sequelize/Mongoose

AI & LLM
LLM APIs (OpenAI, Anthropic Claude), RAG, Prompt Engineering, Embeddings & Vector Databases (pgvector/Pinecone), LangChain, AI Agents & Tool Calling

Cloud & DevOps
AWS (EC2, S3, Lambda), Docker, CI/CD (GitHub Actions, GitLab CI), Nginx, Linux, Vercel

Testing
Jest, Cypress, API Testing (Postman), Unit/Integration Testing

Tools & Practices
Git/GitHub/GitLab, Agile/Scrum, Jira, Microservices, SOLID & Design Patterns, Code Review

Soft Skills
Client Communication, Cross-functional Coordination, Mentoring, Requirement Analysis, Technical Documentation, Problem Solving

LANGUAGES

- English
- Tamil
- Sinhala

PROJECTS

1. **Woblu Maintenance,** *Associated with Baylanka Technologies Pvt (Ltd).*
   A full-stack property-upkeep platform built for the German market, bringing owners, tenants, maintenance teams, and management onto one system. Developed, published, and still maintained—both mobile and web.

   Technologies: Ionic (mobile app) / PHP (web application) / Node.js (backend)

2. **COMSOL,** *Associated with Baylanka Technologies Pvt (Ltd).*
   A telecom operations platform with a dynamic provision calculation engine that automates multi-tier commission processing — replacing manual calculations that were only about 80% accurate.

   Technologies: React.JS / PHP / MySQL

3. **Onres 24,** *Associated with Baylanka Technologies Pvt (Ltd).*
   The onres24 Tracker app for Android and iOS, automating flight monitoring for aviation clubs and fleet operators handling 20,000+ flights a year.

   Technologies: Ionic / Capacitor / PHP / MySQL

4. **Sico-vent,** *Associated with Baylanka Technologies Pvt (Ltd).*
   The SICOVENT app by SIMONPROtec—Bluetooth control of SICO-HUB-BT modules and PA actuator drives for windows and smoke/flap systems, with a three-tier safety system.

   Technologies: Flutter / Dart

5. **Trenddeko,** *Associated with Baylanka Technologies Pvt (Ltd).*
   A mobile app for a Swiss home-décor online store that streamlines the processing of returned goods across different postal and shipping services.

   Technologies: Ionic / Angular

6. **iManage360,** *Associated with iTeq Solution Center*
   A full-stack ERP system that unifies core business operations on one platform—designed and developed on both frontend and backend as a single source of truth.

   Technologies: Next.js (frontend) / Node.js (backend)