

Ibrahim Mahyob

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Skills

- Nest.js | React | Next.js | Kotlin | Java | JavaScript | TypeScript | Dart | PHP | Python | Android | React Native | Codelgniter | Laravel
- AWS | GCP | Firebase | CI/CD | Jest | Docker | Fargate | Terraform | Serverless | MongoDB | MySQL | Postgres | Redis | Git | Linux
- System Design | Distributed Systems | Full-Stack | API Design | Event Sourcing | RAG | Agent Orchestration | **English, Arabic**

Full-time Experience

Chief Technology Officer Studio 20 *Kuala Lumpur, Malaysia* **07/2024 - Current**

- Architecting AI-powered SaaS products including multi-agent orchestration, RAG pipelines, and event-driven systems.
- Owning the technology roadmap across multiple product lines, balancing technical debt with feature delivery.
- Managing the engineering team and driving technical decisions across backend, mobile, and infrastructure.
- Established engineering standards — code review processes, CI/CD workflows, and production monitoring practices.

Lead Software Engineer **09/2023 - 07/2024**

- Conducted code reviews to maintain code quality and consistency across backend services.
- Architected backend systems using event sourcing, CQRS, and domain-driven design patterns.
- Designed and maintained software infrastructure for distributed services.
- Provided technical leadership and mentorship to the backend team.

Senior Software Engineer **09/2021 - 08/2023**

- Built mobile and web applications end-to-end, from client requirements through to production deployment.
- Worked directly with clients and stakeholders to scope features and manage delivery timelines.
- Drove the company's technical roadmap, identifying technologies to improve development efficiency.
- Implemented best practices for scalable, secure, and maintainable software delivery.

Software Engineer Nejoum Al Jazeera *Dubai, UAE* **10/2020 - 09/2021**

- Led full cloud-native migration — stateless architecture, S3 + CloudFront, Lambda, WAF, multi-AZ redundancy, CI/CD pipelines and more.
- Redesigned the accounting system debit/credit journal structure with full transaction history, replacing a non-standard legacy model with a million-record production migration.
- Developed a new microservices-based platform alongside the legacy PHP system, running dockerized clusters with modern tooling.
- Built integrations with international auction systems (Copart, IAAI) and shipping carrier APIs for end-to-end shipment management.
- Implemented an AI chatbot for customer self-service — invoice lookup, shipment tracking, and real-time status updates.
- Revamped the customer mobile application with a new design system, modular component architecture, and optimized React Native performance patterns.

Software developer The Techy Hub *Kuala Lumpur, Malaysia* **09/2018 - 03/2019**

- Designed and built a mobile application for grocery shopping, featuring live map integration.
- Worked with Laravel to develop the backend services for the application.
- Ensured high-quality code and adherence to best practices in software development.
- Collaborated with team members to identify and implement new features and improvements.

Technician Kasper Technology *Aden, Yemen* **02/2014 - 07/2016**

- Diagnosed and resolved software/hardware issues for smart mobile devices and computers.
- Maintained and configured equipment such as routers and peripheral devices.
- Provided technical support to customers, resulting in high levels of client satisfaction and retention.

Education

Bachelor of Computer Science APU / Staffordshire Dual Degree *Malaysia /UK* **09/2016 - 09/2019**

- Dual Degree Program BSc (Hons) in Computer Science with a 3.5 GPA

Projects

- **Replied:** Orchestrated multi-agent AI platform with RAG, Qdrant vector DB, intent routing, voice understanding, and omnichannel support
- **Shipping Ops Portal:** Event-sourced ERP with microservices architecture, multi-tenant branch operations, and RT auction integrations
- **CCI Animal:** Biotech mobile platform with NFC tracking, offline-first architecture, sync conflict resolution, and serverless multi-country ops
- **Pulse:** Social media analytics platform aggregating TikTok, YouTube, Twitch, & Facebook with AI insights, prediction and automated reporting