Mar Zallan Ismail

Full-Stack Developer | React · Python · AWS

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SUMMARY

Full-stack developer with 2+ years of experience building enterprise applications, SaaS platforms, and AI-powered tools. Delivered 32-page ERP system with 100+ API endpoints for elevator company CEO. Built Chrome extension serving 150+ users and payment systems for 15+ enterprise clients. Proficient in React, TypeScript, Python, and cloud infrastructure.

EXPERIENCE

Growth.Pro   Kuala Lumpur, MY (Remote)
Full-Stack Developer | Zicy   Oct 2025 – Present
- Contributed to SaaS platform deployment on AWS EC2, implementing CI/CD pipelines via GitHub Actions with automated deploy scripts and systemctl service management
- Developed core features for Chrome extension serving 150+ users: SEO schema generator, AI crawlability checker, AI readiness audit tool, and integrated ChatGPT-powered chatbot
- Built Admin Panel with real-time analytics dashboard connecting dual-server architecture for prompt tracking and usage monitoring
- Implemented Stripe subscription system with webhook handling, JWT authentication, and MongoDB user management for 15+ enterprise beta clients

Junior Data Engineer   Nov 2024 – Oct 2025
- Developed XGBoost ML model achieving 89% R^2 accuracy for property price prediction using feature engineering on 15,000+ records
- Delivered production-ready Flask REST API with PyTest coverage and automated data pipelines, reducing manual processing time by 60%

Fuji Elevator Cambodia   Phnom Penh, KH (Remote)
Freelance Full-Stack Developer   Oct 2023 – May 2024
- Architected enterprise ERP dashboard (32+ pages) for elevator sales, installation, and maintenance operations, collaborating directly with CEO to define requirements
- Built React 18/TypeScript frontend with role-based access control (RBAC) supporting 8 user roles and 80+ granular permissions
- Developed FastAPI backend with 100+ RESTful endpoints, JWT authentication, WebSocket notifications, and SendGrid email integration
- Implemented 12-step wizard forms with smart auto-fill propagating data across Quote → Contract → Invoice workflows
- Built document generation engine using ReportLab (PDF) and OpenPyXL (Excel) for automated quotes, contracts, and invoices

PROJECTS

Zicy Chrome Extension | *JavaScript, Chrome APIs, ChatGPT API, REST APIs*   2025
- Contributed to Chrome extension analyzing web pages for Answer Engine Optimization (AEO), generating JSON-LD schema markup for SEO
- Implemented AI crawlability checker scoring website readiness for AI crawlers (GPTBot, ClaudeBot, PerplexityBot)

Bites - Recipe Recommendation App | *Flutter, Dart, SQLite, REST APIs*   2024
- Built cross-platform mobile app with algorithm-based recipe recommendations and SQLite caching for offline functionality
- Integrated Spoonacular API with dietary filters (vegan, gluten-free, keto) and personalized suggestions based on user history

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Bash, Java, C++, HTML, CSS
Frontend: React 18, Next.js, Flutter, Tailwind CSS, shadcn/ui, Vite
Backend: Node.js, FastAPI, Flask, REST APIs, WebSockets, JWT, OAuth 2.0
Databases: PostgreSQL, MongoDB, SQLite, Firebase/Firestore, Redis
DevOps: AWS EC2, Google Cloud Run, Docker, GitHub Actions, CI/CD, Nginx, SSH
Tools: Git, PyTest, Jest, Postman, Swagger/OpenAPI, Stripe, SendGrid, n8n

EDUCATION

University of Nottingham Malaysia   Semenyih, MY
Bachelor of Science in Computer Science   Aug 2022 – Feb 2026