

HAFID RIZQIFALUTHI

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PROFESSIONAL SUMMARY

Software Engineer with 8+ years of experience spanning mobile (Android, Flutter, React Native), backend (Node.js, Ruby on Rails), fullstack web (React, Next.js), and AI engineering. Currently at AutomatedPros (Dubai) as an AI Engineer and Mobile Engineer, shipping products including Orderific (restaurant POS and AI ordering), DeliveryDart (driver and fleet platform), and PropertyExpert (AI-powered insurance claims). Strong in LLM agents, Model Context Protocol (MCP), clean architecture, API design, and performance. Prior production work includes live streaming (Zoom SDK), on-device pose tracking (MediaPipe), and geospatial mapping (ArcGIS) in Agile, remote-first teams.

CORE SKILLS

AI Engineering: LLM integration (OpenAI, Anthropic Claude, Gemini APIs), prompt engineering, agentic workflows, tool/function calling, Model Context Protocol (MCP), RAG, AI evaluation and observability, on-device ML (MediaPipe, TensorFlow Lite)

Mobile - Android: Kotlin, Java, Jetpack (Navigation, Room, WorkManager, DataStore), Hilt, Coroutines and Flow, Retrofit, Jetpack Compose

Mobile - Flutter: Dart, Riverpod, Bloc, Navigator 2.0, Isolates, Platform Channels

Mobile - React Native: TypeScript, New Architecture (Fabric, TurboModules), Reanimated, Zustand, Redux Toolkit

Backend: Node.js, Express, Ruby on Rails, PostgreSQL, MongoDB, REST API design, WebSockets, authentication and RBAC, caching

Frontend: React, Next.js, TypeScript, Tailwind CSS, responsive UI, accessibility

DevOps and Delivery: Git, GitHub Actions, Bitbucket Pipelines, Fastlane, Firebase App Distribution, Docker

Testing and Quality: JUnit 5, Mockito, Espresso, Detox, Jest, React Testing Library, static analysis, lint rules

Observability and Analytics: Firebase Crashlytics and Performance, Sentry, GA4, Amplitude, Mixpanel

Security and Standards: OWASP MASVS, secrets management, code review, ADR documentation

PROFESSIONAL EXPERIENCE

AI Engineer and Mobile Engineer - AutomatedPros (Dubai, Remote)

Apr 2025 to Present

- Build AI and mobile features across AutomatedPros products: Orderific (restaurant POS, QR ordering, AI upsells), DeliveryDart (driver jobs, referrals, fleet management), and PropertyExpert (AI-assisted insurance claims and document verification)
- Design AI-powered automation using LLM agents, tool calling, and Model Context Protocol (MCP) for ordering, delivery, and claims workflows
- Develop and maintain cross-platform mobile apps (React Native, Flutter/Dart) for merchant, driver, and end-user experiences
- Integrate LLM APIs into production with prompt engineering, structured outputs, and evaluation; collaborate on API contracts and process automation

Software Engineer - The Gym Pod (Singapore, Remote)

Mar 2021 to Apr 2025

- Owned development of three production apps across Android, Flutter, and React Native
- Architected modular MVVM foundations, improving scalability and maintainability
- Built live streaming (Zoom SDK) and on-device pose tracking (MediaPipe) features
- Improved reliability with robust API integrations, offline-first flows, and release management

Software Engineer - EdgeProp (Singapore, Remote)

Sep 2019 to Mar 2021

- Developed property search and mapping features using ArcGIS
- Maintained Android, Flutter, and React Native codebases with consistent UX and feature parity
- Refactored legacy modules and improved CI and tooling (Jira, Slack, Confluence)

Freelance Software Engineer - Independent Projects

Feb 2019 to Present

- Delivered mobile and web apps end-to-end using Flutter, React, and Node.js
- Designed and deployed REST APIs and Firebase-integrated solutions
- Implemented responsive, maintainable architectures with thorough documentation

Backend Developer - Robinsons.sg (Freelance)

2022 to 2024

- Maintained Ruby on Rails services with PostgreSQL and REST endpoints
- Collaborated with frontend and mobile teams on API contracts and performance
- Implemented caching and performance testing for better throughput

Backend Developer - Hyred (Freelance)

2020 to 2023

- Built Node.js and Express services with MongoDB and JWT-based authentication
- Improved API response patterns and reliability for production usage
- Participated in architectural decisions for scalability and monitoring

Android Developer - PT. Alfath Teknologi Kreatif

Feb 2019 to Aug 2019

- Developed Lokaloops POS using Kotlin, MVVM, and Retrofit
- Improved API data flows and app reliability
- Collaborated on UI/UX improvements and QA

Web Developer - PTIPD Islamic University of Malang

Sep 2018 to Dec 2018

- Built and maintained university information systems with PHP, Bootstrap, and MySQL
- Optimized queries and caching for faster load times

Web Programmer - KapanLagi Network

Jun 2015 to Jul 2016

- Contributed to high-traffic media portals using PHP, CodeIgniter, AngularJS, Handlebars
- Improved performance and SEO with reusable front-end components

SELECTED PROJECTS AND DOMAINS

AutomatedPros Products (Dubai)

- Orderific (orderific.com) - restaurant POS and management: QR ordering, AI upsells, loyalty, multi-platform apps; React Native, Flutter/Dart, LLM integrations
- DeliveryDart (deliverydart.com) - driver and fleet platform: job matching, restaurant referrals, driver network growth; mobile apps and automation workflows
- PropertyExpert (propertyexpert.com) - AI claims management for insurers: FNOL, document verification (AiCheck), fraud detection, partner workflows

Mobile Apps

- The Gym Pod - streaming workouts (Zoom SDK) and pose tracking (MediaPipe); Android, Flutter, React Native
- EdgeProp Agent - property search and mapping (ArcGIS); Android, Flutter, React Native
- Lokaloops Mobile - POS mobile app (Kotlin, MVVM); reliability and API integration improvements

Web and Backend

- Robinsons.com.sg and Canningvale - e-commerce retail platforms; Rails/Node.js and WordPress/WooCommerce
- Hyredx.com - recruitment and talent-matching (Node.js, Express, MongoDB); APIs and auth
- Picardata.com - data intelligence platform; Next.js and Firebase
- EdgeProp.sg - property listing platform with ArcGIS; Dream.co.id, Bola.net, Vemale.com - high-traffic media portals

EDUCATION

- B.Sc. in Computer Science - Maulana Malik Ibrahim State Islamic University of Malang (2016 to 2021)
- Vocational High School in IT - Telkom Vocational High School, Malang (2012 to 2015)

CERTIFICATIONS AND TRAINING

- Advanced Android Development with Kotlin
- Agile Project Management Fundamentals
- Google Firebase Developer Certification
- Modern React with Redux (Udemy)
- Node.js and Express API Design (Coursera)

ADDITIONAL INFORMATION

- Working model: remote-first; async collaboration in distributed teams
- Languages: English (Professional), Bahasa Indonesia (Native)
- Focus areas: AI-powered automation, scalable architecture, performance optimization, cross-platform development, on-device computer vision
- Availability: open to full-time remote or hybrid roles as Mobile Engineer, Backend Engineer, Fullstack Engineer, or AI Engineer