MUHAMMAD ARIEF ROSELI

AI Developer & Fullstack Engineer | React | React Native | TypeScript | Next.js | Maritime SaaS

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PROFESSIONAL SUMMARY

AI Developer and Fullstack Engineer with hands-on experience building maritime SaaS, job marketplaces, training marketplaces, dashboards, mobile MVPs, and internal business platforms. Strong in React, React Native, TypeScript, Next.js, Tailwind CSS, REST API integration, Node.js, and performance optimization. Experienced working with Agile teams to turn product requirements into production-ready user interfaces, mobile workflows, API integrations, and scalable frontend architecture. I run Claude Code and OpenAI Codex as parallel sub-agents — planning, building, debugging, and documenting concurrently — to accelerate delivery while keeping human review at every consequential decision.

CORE SKILLS

AI & Agentic	Claude Code, OpenAI Codex, parallel sub-agent execution, prompt engineering, Model Context Protocol (MCP), AI-assisted planning & decomposition, AI debugging & refactoring, evaluation & verification, human-in-the-loop workflows
Frontend	React, React Native, Next.js, TypeScript, JavaScript, Tailwind CSS, shadcn/ui, responsive UI, reusable component architecture
Mobile	React Native screens, navigation flows, job search, application tracking, profile editing, mobile-first UX patterns
Backend / API	Node.js, REST API integration, MongoDB, PostgreSQL / Supabase, authentication, data flow debugging, endpoint validation
Tools	Git & GitHub, JIRA, Confluence, Postman, Figma, Vercel
Practices	Agile Scrum, frontend architecture, performance optimization, API documentation, bug reports, test notes, handover documentation

PROFESSIONAL EXPERIENCE

Fullstack Developer — Plomo Group Sdn Bhd January 2025 – Current

Subang, Malaysia

- Built and maintained production-ready modules for Anchorworx, a maritime ecosystem platform covering employer dashboards, job boards, applications, training marketplace, subscriptions, notifications, and candidate directory.
- Developed responsive web interfaces using React, Next.js, TypeScript, Tailwind CSS, and shadcn/ui, improving consistency across dashboard and marketplace screens.
- Created a React Native mobile MVP for job search, job details, application tracking, user profile editing, company / recruiter profiles, and profile completion flow.
- Integrated REST APIs across authentication, profile, company profile, job management, applications, subscriptions, and training features, coordinating with backend developers to resolve data contract issues.
- Orchestrated Claude Code and OpenAI Codex as parallel sub-agents to execute implementation, debugging, and documentation tasks concurrently — producing clearer test notes, bug reports, and handover documentation.

Fullstack Developer — PiNC Technology Sdn Bhd August 2023 – January 2025

Shah Alam, Malaysia

- Architected and developed maritime surveillance platform modules integrating GIS Core, AtoN management, vessel monitoring, and AIS-based tracking.
- Built responsive dashboards with React, JavaScript, Tailwind CSS, and REST APIs for real-time maritime asset monitoring.
- Collaborated with backend teams to integrate APIs and ensure reliable data flow between map, vessel, and AtoN modules.
- Delivered multiple client-facing interfaces on schedule while following project standards, design requirements, and Agile delivery practices.

EARLIER EXPERIENCE

Sales Advisor — Sri Mutiara Motors, Temerloh February 2023 – July 2023

Provided product consultation, managed sales transactions, resolved customer inquiries, and maintained client relationships.

Manager / Supervisor — AJ Enterprises, Kuala Lumpur November 2019 – January 2023

Coordinated food court operations, vendor management, staff scheduling, inventory control, and customer service improvements.

IT Support / L1-L2 Helpdesk — Media Prima Berhad, Damansara November 2015 – August 2016

Administered user accounts, handled access control, managed ticket requests, and supported secure daily IT operations.

SELECTED PROJECTS

Anchorworx Web Platform — React, Next.js, TypeScript, Tailwind CSS, shadcn/ui

- Built and improved employer dashboard, job management, applications, candidate directory, subscription gating, notification, and training marketplace screens.
- Translated changing backend requirements into frontend adapters, loading states, error states, and documented endpoint assumptions for team handover.

Anchorworx Mobile App — React Native | Maritime job marketplace mobile MVP

- Developed mobile screens for job listing, search, job details, application tracking, profile editing, company / recruiter profiles, and profile completion flow.
- Structured reusable mobile UI patterns for cards, forms, status badges, empty states, and navigation-friendly user journeys.

Maritime GIS / Vessel Monitoring — React, JavaScript, Tailwind CSS, GIS, AIS | github.com/Ariefrse/PTP-vesselTracking

- Delivered 4 maritime surveillance modules — GIS Core, AtoN management, vessel monitoring, and AIS-based tracking — with zero backend integration failures on handover.

HRMS / Malaysian HR Platform — React, TypeScript, Tailwind CSS | HR, leave, claims, attendance, roles

- Designed HRMS module flows for employee records, manager hierarchy, leave types, claims, attendance, clock-in/out, and role-based access for Malaysian SME usage.
- Prepared product notes, module specs, testing checklists, UI breakdowns, and implementation prompts to support faster development with AI tools.

Pharmacy Marketplace Platform — React, TypeScript, Tailwind CSS, Supabase | January 2025 – June 2025 | pharma-my.netlify.app

- Built a Malaysian e-commerce platform with authentication, product management, product image storage, cart flow, checkout flow, filtering, and localized RM formatting.

Dataran Online E-commerce Platform — Responsive web app, payment integration | January 2021 – July 2021

- Developed a jersey e-commerce platform with responsive UI, third-party payment integration, online campaign execution, and sales-focused checkout flow.

$ROTI Token Deployment — Smart contract / Web3 | September 2021 – January 2022

- Created and deployed an ERC20 utility token concept for cashback, rewards, community engagement, and ecosystem retention experiments.

AI-ASSISTED DEVELOPMENT WORKFLOW

Planning	Break down requirements into module specs, frontend tasks, database/API assumptions, implementation steps, and release checklists.
Building	Run Claude Code and OpenAI Codex as parallel sub-agents for component scaffolding, refactoring, API adapter logic, form validation, and UI state handling.
Debugging	Analyze errors, compare API payloads, document inconsistent fields, draft bug reports, and propose fixes for backend/frontend contract issues.
Verification	Inspect agent output, run checks against acceptance criteria, and keep human review at consequential decisions before merge.
Documentation	Generate PR notes, testing checklists, handover notes, architecture summaries, and repeatable prompts for faster delivery.

EDUCATION

Diploma — Music Technology, Management Science University, Shah Alam — September 2019

Malaysian Special Skills Certificate — Computer Application, Community College — October 2015

LANGUAGES & LINKS

Bahasa Malaysia: Proficient (C2) | English: Advanced (C1)
Portfolio: ariefrse.my | LinkedIn: linkedin.com/in/ariefroseli | GitHub: github.com/ariefrsee