

Haris Wahyudi

+628194050001 | harisxco@gmail.com | [Linkedin](#) | [Portfolio](#)

SUMMARY

Full-stack Developer with 5+ years of hands-on experience in developing scalable digital solutions across web, mobile, and AI-powered applications. Experienced in building production-ready systems, improving operational workflows, and delivering reliable products for diverse business needs. Strong ability to analyze requirements, solve complex technical problems, and collaborate with cross-functional teams in fast-paced environments. Passionate about creating impactful technology solutions that improve efficiency, enhance user experience, and support business growth.

EXPERIENCE

International Centre for Industrial Transformation (INCIT)

Singapore (Remote from Batam)

Full-stack Developer

Oct 2024 - Present

- **Helped 14 engineering team members** to adopt AI in development workflows, improving productivity by up to 70% through AI-assisted coding, debugging, and automation.
- **Enhanced production reliability** with unit testing, E2E testing, and development of a server health monitoring system, improving error detection speed by 60%.

Backend Developer

- **Developed an [AI Agent Chatbot](#)** using Python FastAPI with RAG integration and automated website content ingestion, keeping chatbot knowledge synchronized with website updates while enabling access to user guides, FAQs, and operational documentation. Helping to reduce support workload by up to 80%.
- **Built a local AI Agent data assistant** using Ollama and MCP access, enabling business self-service and reducing engineering requests by up to 70%.
- **Enhanced production reliability** with unit testing, E2E testing, and development of a server health monitoring system, improving error detection speed by 60%.
- **Enhanced an existing payment module** by integrating Stripe, Apple and Google In App Purchase, and adding referral features, and discount functionality across multiple platforms.
- **Improved the legacy report generation process** by integrating Puppeteer, reducing generation time from 3 minutes to 30 seconds.

Frontend Developer

- **Led the frontend development and modernization** of three existing portals and building one new portal with React, TypeScript, Tailwind, and TanStack. and standardizing multilingual user experiences across platforms.
- **Built and deployed a custom task management system** using react within 3 days, reducing third-party tool costs by up to USD 20,000 annually while improving internal task visibility.
- **Developed and maintained shared resource modules** within a monorepo architecture using vite, supporting the rewrite, and reuse of core modules across 5 platforms.

Mobile Developer

- **Developed [OPERI](#)**, a React Native mobile application for iOS and Android, implementing in-app purchases, an offline-first approach, and local data management with Drizzle ORM while ensuring stable production releases and maintaining zero production incidents.

Freelance

Remote

Freelance Full-stack Developer

May 2021 - Present

- **Ranked as a Top 1% Freelancer in [Projects.co.id](#)**, delivering reliable web and mobile applications for multiple clients while maintaining a 9.9/10 client satisfaction rating.
- **PT. Ardata Digital Asia**: Served as the solo developer for 4 client projects, handling full-stack development, deployment support, security issues, and direct client communication.
- **PT. DIGITAL INOVASI GLOBAL**: supporting the client as a Project Manager, DevOps & Backend Developer using NestJS for [Qiwellness](#), [Newton Lif estyle](#), and [Arena Padel](#).

Top Projects:

- **[Viracun Website](#) & [Viracun App](#)**: Started by redeveloping the web platform using React and rebuilding the backend with Express.js, then continued with the React Native mobile app for iOS and Android. helping grow the user base to **500,000+ users in 6 months**.
- **[K3Mart CRM](#)**: Developed an internal CRM for K3Mart, a large retail chain in Indonesia. implement AI WhatsApp automation and Google Maps review bot, reducing repetitive **workload by up to 90%**, so the customer team can focus on critical issues.
- **[AGPAI Digital](#)**: Maintained and enhanced a React Native application with **100,000+ Play Store downloads**, resolving security issues, optimizing excessive re-render performance, developing new forum features, and improving the app rating from **3.0 to 4.5 Star**.

PT Healstation Indonesia

South Jakarta

Full-stack Developer

May 2023 - Oct 2024

- **Led up to 8 team members across 4 concurrent projects**, ensuring smooth coordination, delivery tracking, and successful production releases.
- **Managed production servers** across AWS and Microsoft Azure, improving deployment speed by up to 70% through CI/CD (Github Action), Monitoring, and Optimization.
- **Developed [Caffeine](#)**, a React Native mobile application for a well-known South Korean coffee brand, contributing to a complex production system (integrated multiple payment gateway & multiple delivery method from korean), **serving 50,000+ monthly users**
- **Developed a complex legal-tech platform** for South Korean startups offering AI-powered legal knowledge and expert discovery services, using React and Express.js.

Sustainable Living Lab (SL2)

Singapore (Remote from Medan)

Full-stack Developer

Jan 2022 - May 2023

- **Planned and analyzed project requirements**, delivering scalable web applications aligned with client specifications and business needs.
- **Developed [SPRYX](#)** using Laravel, Livewire, and jQuery, contributing to an award-winning AI-driven ESG platform recognized at the BNI Challenge #1 for automated ESG reporting.
- **Supervised the technical implementation of [Eddy4Teachers](#)**, ensuring the Technical side archive the functional requirements, quality standards, and education workflow needs.
- **Built a fully customized WordPress learning platform for Intel Training Program** (AI for Future Workforce) under 24 hours, supporting student training delivery.

- **Built the NextGen AI for Future Workforce platform** with React and Express.js, strengthening release quality through Playwright e2e testing for the next training cycle.
- **Developed an internal purchase management system** and deployed to AWS Lightsail environments.

Fazztrack

Remote

Bootcamp Full-stack Javascript Developer

Sep 2021 - Nov 2021

- **Built web and mobile applications** using React, NextJS, NodeJS, and React Native through real-world projects. Like xWallet, Movie App, Hire App, and Coffee Shop platform.
- **Led 4 team members** across **2 bootcamp projects**, managing task distribution, collaboration flow, and project delivery.
- **Deployed applications to AWS EC2**, gaining hands-on experience in server setup, deployment flow, and production readiness.

EDUCATION

Asia Cyber University

GPA 3.9

Bachelor of Computer Science

June 2022 - Apr 2026

- **Data Science Thesis:** *Detection of Suspicious Transactions Using the CatBoost Algorithm and CRISP-DM Methodology*

SMK 5 Telkom Banda Aceh

Software Engineering Major

July 2018 - July 2021

SKILL

- **Frontend Development** (React, Next, Vue, AstroJS, Tailwind, SEO)
- **Backend Development** (Node.js, Express.js, Laravel, Golang, FastAPI, Langchain)
- **Mobile Development** (React Native, Offline-First Application, In-App Purchase)
- **AI & Automation** (AI Agent, RAG Integration, Workflow Automation, AI-Assisted Development)
- **Database Management** (MySQL, PostgreSQL, MongoDB)
- **Cloud & Deployment** (AWS, Azure, Google Cloud, Github Action, Docker, Nginx, CI/CD)
- **System Design** (Scalable Architecture, Performance Optimization, System Integration)
- **Other Tools** (Claude Code, Codex, V0.dev, Lovable, Kiro, Figma, Canva, Swagger, Postman, WordPress)
- **Product & Project Management** (Requirement Analysis, Planning, Time Estimation, Budget Awareness, Task Distribution, Delivery Tracking)
- **Technical Leadership** (Expanded Ownership, Team Support, Knowledge Sharing, Business Continuity, Technical Decision-Making)
- **Collaboration & Communication** (Agile Methodology, Cross-Functional Collaboration, Stakeholder Communication, Technical Documentation)
- **Problem Solving** (Root Cause Analysis, Incident Handling, Process Improvement, System Optimization)
- **R&D And Innovation** (Emerging Technology Evaluation, Proof-of-Concept Development, AI Adoption, Continuous Improvement)