

Haris Raharjo Putro
Software Engineer
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Flexible, proactive, detail-oriented software engineer and systems programmer with good knowledge of the web, as well as computer vision. Known for solving complex challenges and delivering efficient, impactful solutions. Someone who cares about his craft and always strives to continuously enhances his skills through advanced coursework or hands-on projects.

Professional Experience

Software Engineer

Freelance

December 2024 – present

Fullstack Software Engineer

Evo Smartlife

October 2023 – April 2024

- Proactively determined and analyzed the negative impacts caused by existing tools and lead the creation of a new frontend on top of existing tools. Completely eliminate previous problems while enhancing system efficiency and user experience.
- Proactively identified, fixed the database which then results in a better clustering and an increase query performance and better database paging.
- Created desktop applications with a low memory footprint to fit in user hardware specification for monitoring and automation
- Maintain & develop a backend with real time system capability

Freelance Backend Developer

Merpati Maintenance Facility

October 2019

Develop REST API on the backend in a Laravel based web application designed specifically for warehouses owned by Merpati Maintenance Facility

Freelance Android Developer

Geo Medika Clinic

January 2019 - March 2019

Develop an android application for doctor appointment using a NoSQL document based as the database

Education

Bachelor in Computer Science with minor in Data Science & Artificial Intelligence

Universitas Surabaya

July 2016 – July 2023

Scholarship: Social Economy

GPA: 3.212

Participant (Founder)

Dilo Surabaya Startup Incubator

April 2019 – May 2019

Participated as a founder in a team of 4. One of the few selected groups that raised \$500 credit from Amazon Web Service. Had to quit early due to conflict with my college schedule, which I prioritized more at the time.

Computer vision

Bootcamp Indonesia AI

Sept 2023 – Feb 2024

Skills

Programming Languages: Python, Rust, Javascript, Typescript, PHP

Database: Sql (MySQL InnoDB, PostgreSQL, Sqlite), NoSql (Document, Key-Value)

Web Development: RESTful API, Websocket, Node.js, React JS (Vanilla & NextJS), Vue, Home Assistant (Core, Supervised), Laravel

Cross-Platform: Tauri

Computer Vision: Pytorch, Pandas

Systems Programming: Win32 (via Rust bindings)

Virtualization & Containers: Docker, WASM

Cloud Platform: Amazon Web Services

Tools: Git, Tokio

Languages

- English - Professional
- Indonesia - Native