

VRICA GEDE PENGALIH

SOFTWARE ENGINEER

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SUMMARY

I am software engineer. I've done front-end and back-end development. Outside web development, i've done building various CLI tools and even making my own programming language. I am a very flexible engineer, my portfolio/projects is proof that i comfortable and capable using various technologies. I use Arch Linux as my main operating system, I like it since it fast and parallel with my belief which is simplicity. I'm strong believer in UNIX philosophy when writing a program.

EXPERIENCE

INTERNSHIP AT PT. AINO TEKNOLOGI

Oct – Dec 2024

During my internship at Aino, I given a task to develop an ERP — Project Dashboard — for internal company use to better managing various project the company has using Laravel and Postgresql. The dashboard implement RBAC (Role-Based-Access-Control) system.

TEACHING PROGRAMMING AT SMK

August 2025

During KKN at Gunung Kidul, I have a proker which is teaching students of SMK Muhammadiyah 1 Playen TKJ basic programming. What's unique is that I use a programming language that uses Bahasa Indonesia as the syntax, called BAIK. Therefore, the students could the grasp the concept better and learn how to code fast.

SELECTED PROJECTS

- [kusmala](#) – My own programming language. kusmala is interpreted language with its syntax emphasizing on Indonesian Language. The interpreter written in Go. [Demo](#).
- [gherver](#) – Golang http server from scratch, without using any http related library. Building this make me well rounded backend developer, who understood http protocol deeply.
- [dms aino](#) – A Document Management System for a real company client PT AINO Indonesia. It is part of my Capstone Project in my Uni. On my team, my desk jobs are as the only programmer. The system (web app) is implemented using REACT as the frontend, and NODEJS (with Express) as the backend, MONGODB (with Mongoose) used as the database, while JWT used as the authentication. The system architecture is monolithic with RESTful API. [Demo](#).

CERTIFICATES:

- [Product Intern](#) – PT Aino Internship
- [Machine learning](#) – Dicoding (I got 4/5 star in the final assignment)
- [Backend](#) – Dicoding (I got 5/5 star in the final assignment)

EDUCATION

BACHELOR'S DEGREE OF INFORMATION TECHNOLOGY

UNISA Yogyakarta

2022 – now

LINKS

github.com/vricap

vricap.github.io/portfolio

linkedin.com/in/vrica-gede-penggalih-266277260