

Yehezkiel Wiradhika

📍 Surabaya, Indonesia ✉ yehezkielwiradhika@gmail.com ☎ +62 812 1777 8962

🌐 yehezkiel-wiradhika.vercel.app in linkedin.com/in/yehezkiel-wiradhika 🌐 github.com/yehezkiel1086

Summary

A **Fullstack Software Engineer** with Focus on **Backend** with 4+ years of experience as engineer, intern and volunteer • A **Cyber Security, DevOps and Machine Learning Enthusiast** with experience as Penetration Tester at DPTSI ITS, DevSecOps at Volvinco and Machine Learning Thesis • A **Computer Science / Informatics Engineering Fresh Graduate** at **Institut Teknologi Sepuluh Nopember (ITS)**, Surabaya.

To learn more, visit yehezkiel-wiradhika.vercel.app [🔗](#).

Education

Institut Teknologi Sepuluh Nopember

July 2020 – Sept 2025

BS in Computer Science / Informatics Engineering

- GPA: 3.35/4.0 ([view transcript](#) [🔗](#))
- **Coursework:** Cloud Computing (A), Network Security (A), Cryptography (A), Database Systems (A), Algorithms (A), Data Structures (A), Network Programming (A), Machine Learning (AB), Framework Based Programming (AB), Software/Application Security (AB), Requirement Engineering (AB)
- **Thesis:** Machine Learning, Frequent Pattern Mining and Statistical based Web Honeypot Attack Data Analysis: SNARE and Tanner

Ruang Guru Golang Backend Engineering Bootcamp

August 2022 – Dec 2022

Bootcamp / Apprenticeship in Backend Engineering

- GPA: 3.85/4.0 ([view certificate](#) [🔗](#))
- **Coursework:** Backend with Data Structures and Algorithms, Unit Testing (GinkGo), JWT, OAuth2, Concurrency, RESTful API, gRPC (microservice), MVC, Clean (Hexagonal) Architecture, ERM, Postgres, GORM, also Gin to DevOps such as Redis, Docker, Kubernetes, RabbitMQ, Grafana, and more.

Experience

CTO; Fullstack, DevOps and Security Engineer

Surabaya, East Java

Volvinco

Apr 2024 – present

- Co-founder; built the entire IT infrastructure from scratch from Backend to Frontend, Cloud, DevOps with server security hardening and security best practices.
- Built three Fullstack Web Apps with one of them, Epipla got first place in national business competition, the other one (Muncak-kuy) got Rp. 10M funding.
- Increased one of the client's (Kos KaKa) management business efficiency by % and visibility by %.

Fullstack Engineer

Bekasi, West Java

PT. Kayaba Indonesia

Aug 2023 – Dec 2023

- Designed (ERM, Flowchart, requirement gathering & analysis, and more) based on SDLC (Agile) method and implemented Training Center Administration ERP Fullstack Web App with LEMP stack by directly and continuously communicating with the head of IT department, head of recruitment and direct mentor(s).
- Increased PT. Kayaba's training efficiency by %.

Penetration Tester

Surabaya, East Java

Direktorat Pengembangan Teknologi dan Sistem Informasi (DPTSI) - ITS

Sept 2024 – Jan 2025

- Security Tested 20 Web Applications. Found hundreds of small-medium and several high-critical level vulnerabilities such as Database Leak (SQLi) and Gained Admin Access (Broken Access Control).
- Utilized both automated (with tools like NMap, SQLMap, Nessus, Nikto, Dirsearch and more) and manual OWASP Pentest Methods (with tools like Burpsuite and OWASP Zap [for reconnaissance and spidering]) on both Network and Application sides.

To view more experience, visit [linkedin.com/in/yehezkiel-wiradhika/](https://www.linkedin.com/in/yehezkiel-wiradhika/) .

Projects

Machine Learning, Frequent Pattern Mining and Statistical based Web Honeypot Attack Data Analysis github.com/name/repo

- Dataset to train the model is first generated using
- Generated real attack data by hosting the honeypot on VPS also testing the attacks
- Made analysis on Web Honeypot's attack data, simulating the attacks using security scanners, using real attack datas by VPS setup and visualizing it with Metabase by clustering the attacks, frequent patterns and statistically to gain detailed attack insights.
- Tools Used: Python, Docker, Metabase, SNARE & Tanner (Web Honeypot)

gRPC Clean (Hexagonal) Architecture based eCommerce Microservices github.com/name/repo

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Kos KaKa Fullstack App: Boarding House based in Malang 2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: Go/Gin, Docker, Postgres, GORM, Redis, RabbitMQ, Nextjs15, Tailwindcss

To view more projects, visit yehezkiel-wiradhika.vercel.app/projects .

Technologies

Languages: Go, Python, Nodejs/Typescript, PHP

Backend Frameworks: Gin, Laravel, Expressjs, Flask

DevOps/Infra: Docker, Kubernetes, Github Actions, RabbitMQ, Nginx, Apache

DB/DBMS/Caching: SQL/Postgres/MySQL, MongoDB/Mongoose, Firebase, Redis

Frontend: Next15/Reactjs, Tailwindcss, Shadcn

Offensive Sec: Burpsuite, OWASP Zap, NMap, Nikto, Nessus, SQLMap, Metasploit

Blue Team: Wazuh (SIEM), Snort (IDS/IPS), Cowrie/Dionaea/SNARE & Tanner, VirusTotal, AnyRun/Triage