

SYAHDINATA DWI FACHRIL

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• Portfolio: <https://syahdinata-df-portofolio.vercel.app/> • Age: 22 years (Born May 20, 2003)

PROFESSIONAL SUMMARY

Junior Backend Developer with experience in Rust programming and microservices architecture. Skilled in developing scalable backend systems with modern technologies including PostgreSQL, Redis, and Docker. Currently focused on advancing backend development expertise while actively learning penetration testing and cybersecurity through practical projects including Hack The Box challenges.

EDUCATION

UNIVERSITAS ESA UNGGUL

Bachelor of Computer Science, Informatics Engineering

Semester 5 (Expected 2026) | GPA: 3.82

Relevant Coursework: Database Systems, Web Development, Software Engineering, Computer Networks

TECHNICAL SKILLS

Backend Development

Rust, Axum, SQLx, Tokio, RESTful APIs

DevOps & Infrastructure

Docker, Zeabur, NATS.io, Microservices Architecture

Frontend

Next.js 16, TypeScript, Tailwind CSS, React

Databases

PostgreSQL, Redis, Database Design, SQLx

Cybersecurity

Kali Linux, Ubuntu Server, Penetration Testing Basics

Development Tools

Git, Linux Command Line, API Development

PROJECTS

BIGAUTO - Automotive Booking Platform

GitHub: Arsysky7/BIGAUTO | Live Portfolio: <https://syahdinata-df-portofolio-97hv.vercel.app/>

- Architecture: Rust + Axum + Tokio, modular microservices
- Security: JWT (access + refresh rotation), 2FA (TOTP), Argon2, RBAC, audit logging
- Data Protection: PostgreSQL Row Level Security (multi-tenant)
- Deployment: Dockerized, production-tuned di Zeabur
- Stack: Rust, Axum, SQLx, PostgreSQL, Redis, NATS.io, Docker

BookStrore - Enterprise Digital Bookstore Platform

GitHub: Arsysky7/BookStrore | Live Portfolio: <https://syahdinata-df-portofolio-97hv.vercel.app/>

- Architecture: Rust + Axum + Tokio, modular microservices
- Security: JWT refresh flow, RBAC, PostgreSQL Row Level Security
- File System Security: Validasi file, size limit, malware scanning
- DB & Cache: PostgreSQL + Redis, optimized pooling
- Deployment: Docker + Nginx (SSL, load balancing)
- Stack: Rust, Axum, SQLx, PostgreSQL, Redis, Docker, Nginx

CYBERSECURITY ACHIEVEMENTS

BIGAUTO - Automotive Booking Platform

- MACHINE #658: EUREKA | Medium Difficulty - Completed full system compromise of Spring Boot application with Netflix Eureka Service Registry exploitation <https://labs.hackthebox.com/achievement/machine/2053057/658>
- MACHINE #623: INFILTRATOR | Hard-Insane Difficulty - Compromised Windows Active Directory domain controller through Kerberos pre-authentication vulnerabilities <https://labs.hackthebox.com/achievement/machine/2053057/623>