

Gus Naufal Albani Rahman

Petukangan Selatan, Kec. Pesangrahan, Kota Jakarta Selatan, DKI Jakarta | gusnaufal84231@gmail.com
| [+62 859-6041-9613](tel:+6285960419613) | www.github.com/Opantzy

Final-year Software Engineering student at Universitas Bina Sarana Informatika with a strong interest in Backend Development and distributed systems. Currently developing practical experience in Go (Golang), RESTful API development, database integration, and backend application architecture. Experienced with Python, C, SQL databases, Linux environments, Git, and software engineering fundamentals. Passionate about building scalable, maintainable, and efficient backend services while continuously improving knowledge in Golang, databases, networking, and backend system design.

Education

Universitas Bina Sarana Informatika
Bachelor of Science in Software Engineering

Jakarta, Indonesia
September 2023 – Present

Current GPA: 3.57 / 4.00

Relevant Coursework: Data Structures & Algorithms, Database Systems, Computer Networks, Operating Systems, Software Engineering, Object-Oriented Programming (OOP), and Web Development.

Technical Projects

- **TaskFlow API — RESTful Task Management API** | Go, PostgreSQL, JWT, bcrypt

<https://github.com/Opantzy/-TaskFlow-API>

- Developed a RESTful task management API using **Go and PostgreSQL**, following a layered architecture with handler, service, and repository layers.
- Implemented **JWT-based authentication**, bcrypt password hashing, and user-based authorization for protected resources.
- Built HTTP middleware for **request logging, request IDs, panic recovery, and security headers**.
- Designed PostgreSQL integration using **pgx** with environment-based configuration for database credentials and application settings.

- **Vesta Series — Cybersecurity Toolkit** | Python, Linux, OSINT, Cryptography

<https://github.com/Opantzy/Vesta-Sries>

- Developed a modular Python-based security toolkit for **OSINT, reconnaissance, automation, and cryptographic experimentation**.
- Implemented **network scanning, banner grabbing, information gathering, and automated reconnaissance workflows**.
- Explored **AES-256, RSA, ECC, password hashing, and secure communication** concepts through practical implementations.

ORGANIZATIONAL

Himpunan Mahasiswa Rekayasa Perangkat Lunak
Head of Research and Development

Jakarta, Indonesia
December 2024 – December 2025

- Led research and development programs focused on technology and student academic development.
- Organized technical workshops, seminars, and knowledge-sharing sessions for Software Engineering students.
- Conducted research and evaluations to identify students' technical learning needs.
- Collaborated with other divisions to develop and improve academic and technical programs..

SKILLS & INTERESTS

- Programming Languages
 - Go (Golang), Python, C
- Backend Development
 - RESTful API Development
 - Backend Architecture
- Databases
 - PostgreSQL
 - MySQL
 - SQLite
 - SQL
- Frameworks & Libraries
 - Gin / Fiber
 - GORM / sqlx
 - Django
- Tools & Technologies
 - Git
 - GitHub
 - Docker
 - Postman
 - Linux
 - VS Code
- Software Engineering
 - Data Structures & Algorithms
 - Object-Oriented Programming
 - Clean Code
 - SDLC
 - Agile Development
 - Basic System Design

Soft Skills:

- Problem Solving
- Team Collaboration
- Communication
- Adaptability