

INDRAWANSYAH

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SUMMARY

As a Japanese Literature graduate, I have developed a deep interest in technology and software development. Despite my academic background in language and culture, I have cultivated a strong passion for Backend Development. With hands-on experience in JavaScript, Express.js, Golang, Gorm and Gin, I focus on building dynamic and scalable web applications. Additionally, I am proficient in utilizing MySQL and PostgreSQL and Redis for efficient data management and designing robust APIs. I also have a basic understanding of React, which allows me to contribute to both the backend and frontend aspects of application development. My goal is to contribute to creating innovative, reliable, and efficient server-side systems that enhance overall application performance.

EDUCATION

Dibimbing.id

2024 – Now

- Golang Back-End Development
- Learned to build RESTful APIs using both Go and Node.js with Express. Gained experience in implementing scalable and efficient backend systems, handling concurrency in Go, and building secure, asynchronous APIs with Node.js.
- Gained expertise in securing APIs through token-based authentication (JWT) and OAuth, and implementing role-based access control to ensure secure communication between backend services and clients.
- Developed skills in designing and managing databases, performing CRUD operations, and optimizing queries in MySQL and PostgreSQL.

Jenderal Soedirman University

2020 – 2024

- Bachelor of Arts in Japanese Literature | GPA: 3.85 / 4.00
- Thesis : “*The Internship Experiences of Students in Japan from an Ikigai Perspective: A Phenomenological Study*”

ORGANIZATIONAL EXPERIENCE

Coordinator of Design & Decoration, Japanese Festival UNSOED

Jan 2022 – Oct 2022

- Planned social media content by preparing a detailed design brief, streamlining communication with 5+ event committee members.
- Developed promotional materials (posters, brochures, banners) that contributed to a 20% increase in online engagement during event promotion.
- Designed event decorations aligned with the theme, enhancing visual appeal and ensuring consistency in overall event execution.

PDD Staff, HUDEC (Humanities Students English Club)

Sep 2020 – Sep 2021

- Developed organizational event publication content, such as posters and other promotional media, to support event communication to the audience.
- Documented internal and external organizational events through photos and videos for archiving and publication purposes.
- Designed visuals aligned with the event's theme, ensuring harmony between aesthetics and the organization's identity.

PROJECTS

Go Hotel

- Developed a microservice-based hotel management system using Golang, Echo framework, and PostgreSQL for efficient room and booking management.
- Integrated Kafka for real-time event streaming and Redis for caching to optimize system performance and ensure fast response times.
- Implemented secure authentication using JWT (JSON Web Tokens) and OAuth for third-party login integration. Enhanced security with password hashing and followed best practices for API security. Containerized the application using Docker for seamless deployment and scalability.

Go E-Commerce

- Developed a scalable e-commerce platform using Golang and the Echo framework, with PostgreSQL as the primary database for efficient product, order, and user management. Built on microservice architecture.
- Utilized Redis for caching frequently accessed data (e.g., product listings) to optimize performance and reduce database load.
- Implemented secure authentication using JWT (JSON Web Tokens) for user sessions, enhanced security with password hashing.

MERN Authentication

- Developed a secure authentication system using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented JWT (JSON Web Token) for user authentication and enhanced security by using bcrypt for password hashing and following best practices for API security.

COURSES & CERTIFICATIONS

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| • Introduction to Computer Programming | 01 Aug 2024 |
| • Basic HTML | 03 Aug 2024 |
| • JavaScript Basics | 12 Aug 2024 |
| • React JS Fundamentals | 18 Nov 2024 |
| • Node.js and NPM | 03 Dec 2024 |
| • Database Redis | 07 Jan 2025 |

SKILLS

Languages: Indonesian, Japanese

Software & Tools: Microsoft Office, Canva, CorelDraw, Visual Studio Code, GoLand, Docker, Postman, Kafka, DBeaver

Programming Languages: JavaScript, Go

Frameworks & Libraries: GORM, Gin, Echo, JWT, OAuth, React.js, Express.js, TailwindCSS

Databases: MongoDB, MySQL, Redis

Soft Skills: Communication, Team Work, Analytical and Desire to Continue Learning