

Gerry Desrian

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PERSONAL PROFILE

I am a web developer focused on building modern and scalable applications. I have hands-on experience developing both backend and frontend systems, with exposure to deployments on cloud and on-premise server environments. I am currently deepening my knowledge in Web3 development and have experience conducting penetration testing on a government web application to identify security vulnerabilities and improve system security. I am highly motivated to apply my technical skills to real-world challenges and continuously enhance my expertise.

EXPERIENCE

Assemblr | *Backend Developer*

March 2026 - Present

- Developed and maintained backend services for an Augmented Reality (AR) platform and AR editor, supporting interactive 3D content creation and delivery.
- Integrated a cross-platform payment gateway (iOS, Android, Web) to support seamless transactions within the AR ecosystem.
- Continuously resolved production issues and delivered new features on a weekly basis, ensuring system stability and consistent product improvement.

Kanbro Corporation | *Fullstack Developer*

March 2025 - Present

- Contributed to the development of a School Management System supporting 500+ users, improving usability and operational efficiency.
- Optimized database queries and aggregation logic, reducing API response times by ~90% through backend refactoring and algorithm improvements.
- Integrated a cross-platform payment gateway supporting iOS, Android, and Web, enabling unified payment processing and reducing platform-specific implementation overhead

Diskominfo Bandung | *Fullstack Developer Internship*

June 2025 – December 2025

- Developed and implemented new features to enhance system functionality and improve overall user experience.
- Refactored and normalized database schemas to improve data integrity and optimize query performance.
- Applied clean code principles and modular architecture to increase code readability, reusability, and long-term maintainability.
- Managed server environments and configured CI/CD pipelines to automate build and deployment workflows, improving deployment efficiency and reliability.

Dicoding Academy | *Fullstack Developer Mentor*

October 2025 – March 2026

- Mentored 45 learners in fullstack web development, covering frontend and backend fundamentals, best practices, and real-world implementation patterns.
- Guided learners through hands-on projects involving RESTful APIs, database design, and modern JavaScript frameworks, ensuring practical experience.
- Assisted learners in debugging and resolving technical issues, improving understanding of system architecture and application of clean code principles in production-ready projects.

Bangkit Academy | Cloud Computing

September 2024 – January 2025

- Built and optimized RESTful APIs to support machine learning model integration in mobile applications, handling 20+ endpoints for data inference and processing.
- Managed application deployment on Google Cloud Platform (GCP), including configuration, testing, and monitoring, ensuring stable and scalable API performance.
- Created clear and structured API documentation to support mobile developers, reducing integration time and communication overhead.

EDUCATION

UNIVERSITAS TEKNOLOGI BANDUNG

2022 - 2026

Informatics Engineering

SMK YADIKA SUMEDANG

2019 - 2022

Computer and Network Engineering

SKILLS

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- Frontend (ReactJs, VueJs, NextJs)
 - Backend (NodeJs, ExpressJs, HapiJs, NestJs, Golang, Laravel)
 - Database (MySQL, PostgreSQL, MongoDB, Firestore)
 - Testing (Jest, Mocha)
 - Blockchain (Solidity, Hardhat, Truffle)
 - CI/CD (GitHub Actions)
 - Cloud Service (Goole Cloud Platform, AWS)

CERTIFICATIONS

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- Dicoding AWS Backend Academy
 - Codepolitan MEVN (MongoDB, ExpressJS, VueJS, NodeJS)
 - Bangkit Academy 2024 By Google, GoTo, Tokopedia, Traveloka - Cloud Computing Learning Path