

DANDI IRWANTO

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An experienced Software Engineer with a strong interest, enthusiasm, and knowledge in Software Engineering, Cloud, and AI

Experience

SPE Solution - Kota Tangerang, Banten

May 2023 - May 2025

(Remote)

Software Engineer

- Led the creation of high-performance web applications for a top-tier fintech firm, utilizing advanced technologies such as Yii2 PHP, Golang, MySQL, ClickHouse, MongoDB, and REDIS within RDL frameworks for BNI Bank Internal Service (eCollection V2).
- Specialized in the optimization of CI/CD pipelines, significantly improving deployment speed and system reliability.
- Enhanced system communication and efficiency by integrating RabbitMQ for effective inter-service messaging.
- Streamlined deployment and ensured consistent operational environments through proficient use of Docker containerization.
- Advocated for code quality, rigorously adhering to SonarQube standards to maintain software integrity.
- Developed and sustained a microservices architecture, facilitating agile processes for the delivery of dependable and superior software solutions.
- Demonstrated expertise in GitLab for version control, promoting seamless team collaboration and adherence to project timeline.
- Implemented unit tests on backend services, achieving 80% test coverage across key services.
- Performed code refactoring for the Portal eCollection project, focusing on Models, Controllers, and primarily Views, using SonarQube to ensure code quality and maintainability.

7Smart Indonesia - Kota Boyolali, Jawa Tengah

Feb 2023 - May 2023

(OnSite)

Programmer

- Spearheaded backend development for a robust car rental management system at 7smart Indonesia, leveraging the CodeIgniter 3 framework and MySQL to enhance operational efficiency for Naba Wood Company.

Folkatech - Kota Bandung, Jawa Barat

Dec 2022 - Feb 2023

(Remote)

Back-end Developer Intern

- Engineered robust backend solutions utilizing NESTJS, TypeScript, NodeJS, and MySQL at Folkatech, a leading software house and IT consultancy.
- Fostered collaborative synergy with Project Managers and Quality Assurance teams, leveraging agile methodologies and Kanban via Trello for optimal project execution.
- Contributed to the CV Generator project, enhancing system efficiency and scalability through proficient backend development practices.

Traveloka - Singapore

Apr 2022 - Jun 2022

(Remote)

Cloud Engineer Intern Based on Capstone

- Engineered a robust REST API using ExpressJS to seamlessly connect Mobile Applications with Machine Learning datasets and Google Cloud Platform services.

- Designed and implemented a MySQL database on Cloud SQL, ensuring secure and scalable data storage solutions.
- Configured Compute Engine with auto-scaling capabilities to optimize web server performance and resource management.
- Monitored and managed billing for organizational resources, including Compute Engine, Cloud SQL, and Cloud Storage, to maintain cost efficiency.

Education

Indonesian Digital Technology University (UTDI) - Yogyakarta

Sep 2022 - May 2022

Bachelor Degree in Informatics

- Completed a 3.5-year undergraduate program, graduating with Distinction (Cum Laude).
- Conducted a thesis project focused on Progressive Web Applications (PWA) development and the implementation of REST APIs, comparing monolithic architectures with microservices.
- Actively contributed as a Teaching Assistant (TA), supporting lecturers in practical lab sessions and assisting students with coursework and exercises.

Bangkit Academy Graduate - Led By Google, Tokopedia, Gojek, and Traveloka

Feb 2022 - Jul 2022

Cloud Computing Learning Path

- Completed structured learning paths in Cloud Computing through platforms such as Dicoding, Coursera, Qwiklabs, and Google Skill Boost.
- Gained in-depth knowledge of Backend Development and Google Cloud Platform (GCP), progressing from foundational concepts to advanced implementations.
- Developed essential soft skills including Design Thinking, Problem Solving, Personal Branding, and Collaboration through intensive six-month training programs, complemented by English communication sessions with expert mentors.

Independent Study Kampus Merdeka Cycle 1 - Dicoding Indonesia

Feb 2021 - Jan 2022

Front-End and Back-End Web Developer

- Completed comprehensive learning paths covering Front-End Development, Back-End Development, and Fundamental Cloud Computing.
- Built strong technical foundations through hands-on projects and real-world use cases across the software development lifecycle.
- Developed critical soft skills, including Design Thinking, Problem Solving, Personal Branding, and Collaboration, through structured learning modules and mentor-guided sessions.
- Demonstrated adaptability and continuous learning mindset in a fast-paced, industry-standard curriculum.
- Achieved *Distinction Graduate* recognition for outstanding performance and academic excellence throughout the program.

Skills and Portfolio

Technical Skills:

Golang, PHP, Yii2, Google Cloud Platform (GCP), Amazon Web Service (AWS), TypeScript, JavaScript, Java, NodeJs, NextJS, NestJS, Laravel, CodeIgniter 3, Docker, MongoDB, MySQL, Redis, Git, Gitlab & ClickHouse.

Portfolios:

- Github: <https://github.com/dandiirwanto20>
- Google Skill Boost: [google skill boost skill](#)
- Credly Badge: <https://www.credly.com/users/dandi-irwanto>
- Certificate Of Completion Dicoding: [Distinction Certificate](#)