

# Ferdinand Gunawan

Jakarta, Indonesia | P: +62 89697955922 | Email: [ferdinandg066@gmail.com](mailto:ferdinandg066@gmail.com) |  
<https://www.linkedin.com/in/ferdinand-gunawan-08aa44192/> | <https://fege.my.id/>

## EXPERIENCE

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### Tablelink Digital Inovasi – Jakarta, Indonesia

*Lead Fullstack Developer*

*Mar 2025 – Present*

- Led the development of a backoffice application to manage all company master data, ensuring data integrity and smooth internal operations.
- Engineered and maintained guest order and RSVP systems, streamlining external interaction, and enhancing customer experience from the company's side.
- Oversaw fullstack architecture, ensuring seamless integration between frontend interfaces and backend services.

*Backend Developer*

*Jan 2024 – Mar 2025*

- Developed and maintained backend systems using Go (Golang) with Redis and PostgreSQL as core components.
- Managed and scaled over 40 microservices, ensuring efficient communication via gRPC and message-based architecture using NSQ.
- Focused on performance, fault tolerance, and scalability in high-throughput systems supporting mission-critical business operations.
- Collaborated cross-functionally to optimize architecture and deliver robust backend solutions aligned with company goals.

### Xinchuan Telecom – Kaohsiung, Taiwan

*Mobile Developer*

*Feb 2023 – Present*

- Developed a kiosk mobile application using Flutter, downloaded over 300,000 times, improving user engagement and in-store efficiency.
- Built a multi-language online food ordering system with support for 5 localizations, enabling broader market reach and user accessibility.
- Collaborated with UI/UX designers to translate requirements into responsive, high-performance mobile interfaces.
- Delivered consistent updates and features that met stakeholder expectations and enhanced user satisfaction.

### Questlabs ID – Jakarta, Indonesia

*Front End Developer*

*Oct 2022 – Mar 2023*

- Built and maintained a reseller management system for a beauty brand with over 100,000 followers, enabling efficient onboarding, tracking, and order management for resellers.
- Led the frontend development using Next.js, focusing on scalable architecture and responsive UI for high user engagement.
- Collaborated on design implementation and performance optimization, ensuring smooth user experience even with growing user traffic and data volume.
- Actively gathered feedback from stakeholders to iteratively refine the platform and meet business goals.

### PD DIKTI KEMENDIKBUD – Jakarta, Indonesia

*Back End Developer*

*Mar 2022 – Aug 2022*

- Effectively coded software changes and alterations based on specific design specifications using Laravel.
- Worked to continually meet the expectation of stakeholders and users.

### PT Bank Central Asia Tbk – Jakarta, Indonesia

*Teaching Assistant*

*Dec 2021 – May 2022*

- Instructed over 30 students in the fundamentals of Web Front End Development, covering HTML, CSS, and JavaScript.
- Guided students through prototyping workflows using Figma, reinforcing UI/UX best practices and responsive design.

*Teaching Assistant*

*Aug 2022 – Nov 2022*

- Taught introductory programming concepts using C to a class of more than 30 students, focusing on logic building and hands-on coding exercises.
- Provided one-on-one support and feedback to help students strengthen their programming foundations.

**BINA NUSANTARA UNIVERSITY – Jakarta, Indonesia***Database Administrator**Feb 2021 – Feb 2023*

- Manage Attendance, Score, Honor, Student Dispensation and College Class Transaction for students enrolling in laboratories.
- Maintain internal website for laboratories.
- Maintain and manage database related to some laboratory purpose.
- Providing data for other laboratory division in Bina Nusantara University

*Laboratory Instructor**Feb 2020 – Feb 2021*

- Taught various programming courses to students such as C, Java, Microsoft SQL Server, Kotlin, Unity, Laravel, HTML, CSS, JS, PHP, etc.
- Participate in trainings and self-development projects (3D Game Development with Unity, Desktop Application Development with C#, Web Programming with Go and AngularTS, Infrastructures Design, and Android Application Development with Kotlin).

**Regina Caeli – Jakarta, Indonesia***Full Stack Developer**Aug 2020 – Present*

- Effectively coded feature creation, changes and alterations based on specific design specifications using Laravel as monolithic application.
- Worked to continually meet the expectation of stakeholders and users.

**EDUCATION**

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**BINA NUSANTARA UNIVERSITY – Jakarta, Indonesia***Sept 2019 - Present*

Bachelor of Engineering, Computer Science; Cumulative GPA: 3.82/4.0

**ADDITIONAL**

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**Technical:** Amazon Web Service, C, Java, C#, HTML5/CSS, PHP, JavaScript, Java, Angular, React, Vue, Nodejs, Go, Laravel, Git, MySQL, PostgreSQL, MongoDB, SQLite, MSSQL, Visual Paradigm, Kotlin, Firebase, WPF, Unity, Docker.**Languages:** Fluent in Indonesia; Fluent Conversation in English**Certifications & Training:** AWS Cloud Practitioner, Advance Problem Solving (Hacker Rank), Advanced SQL (Hacker Rank), Belajar Fundamental Front-End Web Development (Dicoding), Belajar Membuat Aplikasi Web dengan React (Dicoding).