



**Yoannes De Deo
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Back-end Developer

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SUMMARY

Backend Developer with 1 year of experience designing and implementing robust RESTful APIs using Node.js and Express.js. Skilled in relational databases (PostgreSQL, MySQL, SQLite) and Firebase, with expertise in integrating backend systems with AI and mobile applications. Experienced in blockchain development, including building DApps, and passionate about Artificial Intelligence.

EXPERIENCE

Full-stack Developer

07/2025 - Present

Mayora Indah TBK - Freelance

- Designed and implemented a reward exchange app UI (Jetpack Compose) using simplicity, feedback, and affordance principles, increasing user experience scores by 90%.
- Provided users with receipts and CSV downloads for all transactions, which had a significant impact on the company.
- Introduced several features such as transaction management, search transaction, and account management for users, resulting in a 100% increase in user satisfaction.

Mobile Full-stack Application Developer

06/2025 - 06/2025

Market-AI

- Developed a Minimum Viable Product (MVP) for the Market-AI application, a platform designed to provide shopping suggestions and support interactive, AI-driven conversations for customers, resulting in a 90% improvement in customer service efficiency.
- Designed and implemented a RESTful API using Node.js and Express.js for the backend, enhancing system performance and reliability.
- Managed backend deployment through Vercel and utilized Neon as the primary database platform with PostgreSQL to ensure ease of use and flexibility.
- Built a cross-platform mobile application using Flutter, which seamlessly integrates with the backend API, allowing the app to run on various operating systems.
- Successfully integrated the Together AI API to facilitate real-time, interactive conversations. This feature allows users to inquire about ingredient availability and receive immediate AI-generated responses, helping users quickly access the information they need.

Backend Developer

04/2025 - 05/2025

Clarylisk

- Developed a Web3-powered, AI-moderated donation platform designed to prevent harmful donations, such as gambling promotions, during livestreams.
- Designed backend architecture to seamlessly integrate smart contracts with the frontend, enabling secure and transparent donation flows.
- Engineered "burn this dono" logic to let creators reject inappropriate donations directly on-chain.
- Collaborated with the team using Solidity, Next.js, PostgreSQL, and Express.js to deliver a safe, controlled, and transparent platform for streamers.

Backend Developer

02/2025 - 04/2025

Napnad

- Developed "NapNad," a Web3 Sleep-to-Earn app rewarding quality sleep with tokens, promoting healthier sleeping habits.
- Designed and implemented backend architecture for managing user sleep data and processing on-chain token rewards.
- Integrated blockchain technology to ensure transparency, security, and accuracy using ZKTLS in the reward system.

- Verified and connected sleep data to token distribution, ensuring accurate reward calculation.
- Contributed to the creation of an application that promotes healthy sleeping habits through Web3 technology.

Software Developer Intern01/2024 - 06/2024

Universitas Kristen Duta Wacana

- Developed a multi-factor attendance system utilizing location detection, QR code scanning, and facial verification, achieving secured attendance with a 95% accuracy rate.
- Designed a RESTful API capable of handling over 100 daily requests with a 99% uptime.
- Built an Android app using Kotlin, which enhanced performance by 100%.
- Led the team as Scrum Master, delivering the minimum viable product (MVP) 30% faster than projected.
- Assisted in creating a frontend web application using Vue.js, which strengthened team trust.
- Designed and implemented UI/UX principles such as affordance, simplicity, feedback, and discoverability in the Android app, resulting in a 95% improvement in user experience.

EDUCATION

Technology Information2021 - 06/2025

Universitas Kristen Duta Wacana - Informatics

GPA 3.54

CERTIFICATES

IT SPECIALIST-DATABASE

Certiport

SOLID PROGRAMMING PRINCIPLE ↗

Dicoding

SKILLS

Docker	Node JS
Postman	Express js
Postgresql	Mysql
Firebase	Javascript
Git	Github management
Adaptability	Python
Problem solving	PHP
Java	MS office
Solidity	

LANGUAGES

English

Indonesia