

I Wayan Nanda Surya Wirajaya

Full-Stack Software Engineer / Frontend-Oriented

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Professional Summary

Full-Stack Software Engineer with 6+ years of experience designing and building production web applications. Strong focus on **frontend-heavy, user-facing systems**, REST APIs, and database-driven solutions. Experienced in creating **fullstack projects from scratch**, delivering maintainable and performant applications.

Technical Skills

- **Frontend:** JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, Responsive UI/UX
 - **Backend:** Node.js, Golang, REST APIs, JWT Authentication
 - **Databases:** PostgreSQL, MySQL, MongoDB
 - **Tools:** Git, Docker, API Integration, Performance Optimization
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Highlighted Project: Resource Booking System (Full-Stack)

A **real-world fullstack project** built to manage bookings and resources with conflict detection and dynamic status management.

Key Features:

- **Create Bookings:** Users can reserve resources with date/time selection, with validation for overlapping schedules.
- **Update Booking Status:** Approve or cancel bookings with real-time status updates.
- **Dynamic Frontend:** Responsive design using Next.js and Tailwind CSS with toast notifications for actions.
- **Backend API:** Golang + PostgreSQL, JWT-secured REST endpoints, conflict checks, status management.
- **UX/UI:** Intuitive booking dashboard, filterable bookings, and clear status indicators.

Tech Stack: Next.js, React.js, Tailwind CSS, Golang, PostgreSQL, Axios, Sonner

Impact:

- Demonstrates fullstack capabilities: frontend + backend + database + authentication
- Shows ability to build **production-ready applications** with real business logic

- Ready for deployment with Docker and modern DevOps workflow
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Other Projects

XD Radio Yudha – Web Radio Platform

- Frontend-only web application built using Next.js
 - Responsive UI, optimized performance
 - Tech Stack: Next.js, JavaScript
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Professional Experience

Freelance Full-Stack Developer | 2020 – Present

- Delivered end-to-end web solutions including dashboards, APIs, and database-driven systems.
- Converted client requirements into maintainable, user-friendly applications.

Web Application Engineer – BTW Edutech

- Developed frontend modules for high-traffic educational platforms.
- Built UI components for tryouts, scoring, timers, and progress tracking.

Data Research & Development – BTW Edutech

- Supported analytics, marketing, and academic teams with structured reports from SQL and multiple data sources.
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Additional Information

- Available for Full-Stack or Frontend-focused roles
- Experienced in **real production systems** and client-facing projects
- Strong ability to **translate requirements into functional, maintainable code**