Tiswan

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Summary

Fullstack Developer with a background in network engineering and cybersecurity. Experienced in building secure and scalable web apps using Next.js, React, Node.js, PHP, and PostgreSQL. Focused on clean code, system architecture, and backend optimization. Eager to contribute to teams that value performance and continuous learning.

Technical Skill

Programming Language:

HTML, CSS, JavaScript, TypeScript, PHP, Python, GO

Frontend:

React.js, Next.js, TailwindCSS, Bootstrap

Backend:

Node.js, Express.js, RESTful API, JWT

Database:

MySQL, MongoDB, PostgreSQL, Supabase

Version Control & Deployment:

Git, GitHub, Vercel, Netlify

Operating Systems & Network Tools:

Linux, MikroTik, Cisco Packet Tracer

Experience

LPK Cipta Tungga Indonesia - Network Engineer Intern

Ciamis, Jul 2021 – Oct 2021

- Installed and configured MikroTik routers and access points for local networks.
- Designed and deployed Hotspot login systems using MikroTik + Mikhmon for client-side authentication.
- Created and printed Hotspot vouchers with custom login page UI.
- Performed troubleshooting for wired and wireless network issues.
- Built a custom Wajan Bolic Antenna to boost Wi-Fi range in rural environments.
- Configured MikroTik routing, IP addressing, firewall rules, and bandwidth management.
- Conducted preventive and corrective maintenance on network and hardware equipment.

Education

Perjuangan University

Bachelor in Informatics Engineering (2023 – Present)

STMIK Tasikmalaya

Bachelor in Informatics Engineering (2022 - 2023)

SMK Negeri 1 Padaherang

Computer & Network Engineering (2019 - 2022)

Projects

Booking Hotel

Hotel booking system with payment integration

Tech: Next.js, TypeScript, TailwindCSS, PostgreSQL, Midtrans

- Developed responsive booking flow for hotel rooms
- Integrated Midtrans for online payments
- Stored hotel thumbnails using Vercel Blob
- Handled availability check and date-based booking logic

Pendaftaran Kursus LPK Cipta Tungga Indonesia

Course registration platform with admin panel

Tech: Next.js, TypeScript, TailwindCSS, PostgreSQL, Midtrans

- Built registration system with form validation and PostgreSQL database
- Integrated Midtrans for tuition fee payments
- Used Vercel Blob to store and serve course thumbnails efficiently

Sistem Perpustakaan (Backend API)

RESTful API for managing library operations

Tech: Node.js, Express.js, PostgreSQL, JWT

- Built secure API for book, user, and transaction management
- Applied JWT-based authentication and role-based access
- Structured using MVC and tested with Postman

WannTrip

Tourism landing page for Pangandaran

Tech: HTML, CSS, JavaScript

- Designed static landing page for tourism spots
- Responsive layout with interactive image gallery