

ALIF HAIKAL

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PROFILE

An enthusiastic and highly motivated Informatics Engineering student currently in the 7th semester, with a strong focus on modern web development and backend engineering. Passionate about building scalable, data-driven, and interactive applications. Experienced in NestJS, Typescript, PostgreSQL (Neon), and Stripe API integration, with a proven ability to deploy and manage production-ready backends. Adept at designing RESTful APIs, managing databases, and implementing secure payment workflows. Driven by curiosity and innovation, I'm continuously exploring Web 3.0 technologies, real-time data visualization, and AI-driven automation. Actively developing and publishing personal projects on GitHub to strengthen technical expertise and portfolio visibility. Open to collaboration, eager to learn new technologies, and committed to delivering impactful, user-centric solutions.

KEY SKILLS & COMPETENCIES

Skillset – Backend Development, Frontend Development, Payment Integration, Authentication, Rest API, Charting Libraries, Database Integration, Real Time Data Applications, Data Visualization & Storytelling.

Tools, Framework, Libraries, Programming – Typescript, Javascript, React, Next.js, NestJs, NodeJs, Tailwind Css, Postgresql, GitHub, Recharts, Lightweight charts, VS Code, Postman, Jwt, Swagger.

EXPERIENCE & PROJECT

FlowCommerce (NestJS + Typescript + PostgreSQL + Stripe) | Personal Project

Live API: <https://flowcommerce.onrender.com/> | GitHub: <https://github.com/ALIFHAIKAL21/flowcommerce>

- Built a complete e-commerce backend system using NestJS, TypeScript, and PostgreSQL (Neon Cloud).
- Implemented authentication and authorization with JWT and role-based access control (RBAC) for both admin and customer roles.
- Developed full CRUD operations for products, categories, carts, and orders with structured database relationships using TypeORM.
- Integrated Stripe Webhooks to automate real-time payment processing and update order statuses instantly.
- Added Cloudinary integration for media management and Swagger for interactive API documentation.
- Deployed the project on Render with automated GitHub CI/CD pipelines, ensuring continuous integration and smooth updates.
- Designed to be a modular, scalable, and production-ready backend for modern e-commerce platforms.

Visionix - Agency Web Template (Tailwind CSS 4) | Self-Initiated Project

Live Preview: <https://visionix.vercel.app/> | GitHub: <https://github.com/ALIFHAIKAL21/VISIONIX> | Officially Published On TemplateMonster

- Designed and developed a modern agency web template fully built with pure Tailwind CSS, focusing on performance, responsiveness, and clean UI/UX.

- Implemented scalable design components and a mobile-first approach for seamless adaptation across various screen sizes and devices.
- Structured the template for easy customization and developer-friendly workflow, adhering to industry standards for web templates.
- Optimized loading speed, accessibility, and SEO readiness, making it highly competitive for digital marketplaces. • Successfully submitted and approved on TemplateMonster, with the template officially published to international.

EDUCATION

Bina Insani University, Bekasi | Sep 2022 – Present

Bachelor's degree, Informatics Engineering

GPA 3.12 out of 4.00

Activities: Member of UKM Music

ORGANIZATION

Bina Insani UKM Music | Jun 2023 – Feb 2025 *Guitarist/Performer*

- Performed as a lead and rhythm guitarist in various campus events, competitions, and organizational activities.
- Contributed to arrangements and rehearsals, ensuring high-quality live performances across multiple music genres.