

Putra Rizky Nugraha

Ujung harapan RT 7 RW 5 Bahagia Babelan Bekasi

+62 89673302577 | traarzky97@gmail.com

🌐 <https://tratech.my.id>

in <https://www.linkedin.com/in/putra-rizky-nugraha>

Objective

Aspiring Software Engineer currently transitioning from a background in electrical/electronics maintenance into full-stack software development. Despite working full-time outside the tech industry, I have independently built hands-on experience in backend development using Golang (Fiber, GORM) with Clean Architecture and Modular Monolith principles, as well as frontend development with React and TypeScript — validated through a real internship building a production-ready e-commerce REST API. Currently expanding into AI/LLM integration, including RAG (Retrieval-Augmented Generation) and vector databases, through an active open-source project. A self-driven learner seeking to fully commit to a career in software engineering.

Experience

- PT Serta Kuliner Mandiri** Dec 2023 - Present
Maintenance & Electrical Technician
 - Conducted routine inspections and preventive maintenance on electrical distribution systems and electronic devices to ensure maximum operational uptime.
 - Diagnosed and resolved complex electrical faults, including short circuits, overloads, and wiring hazards, with rapid turnaround times.
 - Maintained power continuity and system safety through rigorous cable management, regular grounding audits, and adherence to electrical safety codes.
 - Inspected, tested, and serviced electronic equipment to guarantee peak performance, longevity, and safe operating conditions.
- Gunadarma University** April 2026 - Mei 2026
Workshop Facilitator
 - Mentoring incoming freshmen (maba) in building web applications from the ground up, focusing on bridging the gap between theoretical concepts and practical deployment.
 - Curriculum Design: Developed a structured roadmap covering the full development lifecycle, from local environment setup to live deployment.
 - Foundational Instruction: Facilitated deep-dive sessions on semantic HTML and core web structures, ensuring students grasp best practices early on.
 - Technical Guidance: Provided hands-on support for software installation and troubleshooting code-editor configurations.
 - Simplifying Complexity: Translated complex technical jargon into digestible concepts for beginners, fostering an inclusive learning environment for aspiring developers.
- PT Evermos** November 2025 - Desember 2025
Backend Developer Intern Based Project
 - High-Performance API: Engineered a robust REST API using Go Fiber and GORM, implementing Clean Architecture to ensure code modularity and testability.
 - Containerization: Fully containerized the application, database, and migration services using Docker and Docker Compose, streamlining the deployment process across environments.
 - Complex Transactions: Implemented atomic database transactions (ACID compliance) for the checkout process, ensuring inventory accuracy and data integrity by creating historical product snapshots (log_products).
 - Security & Auth: Secured API endpoints using JWT (JSON Web Token) authentication and custom Middleware for Role-Based Access Control (Admin vs Customer).
 - Database Management: Designed relational database schemas in MySQL and managed version control using Golang-Migrate.
 - Features Delivered: User Management, Store Creation, Product Inventory with Image Upload, Address Management, and Transaction History.
- PT Akebono Brake Astra Indonesia** Desember 2021 - April 2022
IT Support Intern
 - Developed an RFID-based field operator attendance system in collaboration with a mentor, gaining early exposure to hardware-software integration.
 - Configured and wired HMI (Human-Machine Interface) devices for on-site deployment in operator work areas.
 - Registering/signing up kanbans so they can be counted by the system.
 - Managed kanban registration and real-time incoming/outgoing data tracking to support production floor operations.
 - Applied troubleshooting processes and maintained work area standards in compliance with occupational health and safety (K3) regulations.

Education

- **SMKN 5 Kota Bekasi** 2020-2023
Vocational High School - Teknik Elektronika Industri
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- **Open University** 2024-Until now
Bachelor Degree - information Systems

Skills

- Languages: Javascript, Typescript, Golang
- Frontend : React, Vite, Tailwind CSS.
- Backend : Golang (Fiber, GORM), REST API, MySQL.
- Tools & Infrastructure : Git, GitHub, Docker, Redis, Postman, GCP.
- AI/LLM Concepts : LLM Integration, RAG (Retrieval-Augmented Generation), Qdrant (Vector Database), AI Coding Agents.
- Architecture & Concepts : Clean Architecture, Modular Monolith Architecture, REST API Design.

Projects

- **Portofy.net - AI-Powered Portfolio Builder SaaS**

Portofy.id is an AI-driven, multi-tenant SaaS platform designed to instantly generate professional portfolio websites from a user's CV without writing a single line of code.

Built entirely end-to-end as a solo Full-Stack Developer, this project implements industry-standard software engineering practices:

- **Robust Backend:** Engineered a scalable RESTful API using Golang with Clean Architecture principles to ensure maintainability and high performance.
- **Dynamic Frontend:** Developed a highly interactive and responsive user interface using React and TypeScript.
- **AI Integration:** Implemented advanced AI features, including an intelligent CV Parser, automated portfolio description generator, and an AI Customer Service chatbot.
- **Security:** Engineered a secure end-to-end authentication flow utilizing Google OAuth 2.0 and JWT for robust session management.
- **Cloud Deployment:** Containerized the application using Docker and successfully deployed it to a production environment via Google Cloud Run (GCP).

Portofy is not just a standard CRUD application; it is a complex, production-ready system built to handle dynamic templates and scalable user data seamlessly.

GitHub Repository :

<https://github.com/arttVinci/portofy>

- **Fixora - AI-Powered Infrastructure Accountability Platform**

Fixora is an open-source civic-tech platform designed to track long-term accountability for neglected public infrastructure (potholes, damaged bridges, drainage issues) in Indonesian cities, addressing the gap left by existing reactive reporting platforms.

Built entirely as a solo Backend Developer, this project implements industry-standard software engineering practices:

- **Robust Backend:** Engineered a modular RESTful API using Golang (Fiber, GORM) with Clean Architecture and Modular Monolith principles, ensuring strict data isolation and inter-module communication via explicit client interfaces.
- **Multi-Source Data Pipeline:** Designed a self-sustaining data pipeline combining citizen reports, an autonomous AI news crawler, and government open data — reducing dependency on manual user reporting.
- **AI Integration:** Implemented advanced AI features, including computer vision for photo-based issue classification, a multi-agent LLM verification system (debate-based validation using Advocate/Skeptic/Manager agents), and RAG (Retrieval-Augmented Generation) with Qdrant to cross-reference reports against government budget data.
- **Security & Auth:** Engineered an OTP-based authentication flow with session token management, keeping citizen reports anonymous to the public while maintaining internal accountability.
- **Data Architecture:** Designed a MySQL relational schema with clear data ownership boundaries across modules (reports, verification, crawling, authentication).

Fixora is not just a standard CRUD application; it is a complex system combining crowdsourced data, autonomous AI agents, and government data cross-referencing to drive public infrastructure accountability.

GitHub Repository :

<https://github.com/arttVinci/fixora-Backend>

<https://github.com/arttVinci/fixora-Frontend>

- **Dekatku**

Dekatku is a location-based directory platform that connects the public (tourists/visitors) with MSMEs and local service providers. This app helps discover home-based businesses that are typically difficult to find through general search engines. With the integration of geolocation and AI, Dekatku provides intelligent and accurate recommendations for nearby businesses.

GitHub Repository :

<https://github.com/arttVinci/dekatku>

- **Golang RESTful API E Commerce**

A robust and production-ready RESTful API for an E-Commerce platform, built with Golang (Fiber) using Clean Architecture principles. This project features secure authentication, transaction handling with data snapshots, and is fully containerized with Docker.

- **E-Commerce Laravel Payment Gateway**

Laravel & Filament-based e-commerce application with Clean Architecture. Integrated with Mooto (Payment) and Kurirku (Shipping).