

● Available for opportunities

Hi, I'm Naufal

Software Engineer

Crafting code, chasing curiosity!

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About Me

Passionate About Building Intelligent Systems

Software Engineer specializing in backend & AI engineering. Skilled in building scalable systems, AI-powered automation tools, and full-stack web applications using Python, Node.js, and ASP.NET.

Experienced in deploying microservices, implementing DevOps workflows, and integrating LLM-based agents into real-world applications. Quick to learn and adapt, excelling both independently and in team environments.

11+ Projects

8+ Certifications



Backend Development

Building robust APIs & microservices



AI & Machine Learning

Creating intelligent solutions



Full-Stack Capable

End-to-end development



High Performance

Optimized & scalable systems

Technical Skills

My Tech Stack

A comprehensive toolkit spanning backend development, AI/ML, cloud infrastructure, and modern web technologies.

All

Programming Languages

Backend Framework

Databases

ML/AI Framework

Cloud & DevOps

Frontend Framework

Tools & Ecosystem



Python



JavaScript



C#



TypeScript



FastAPI



Django



Express



Hapi



ASP.NET Core



Flask



PostgreSQL



SQL Server



ChromaDB



MongoDB



Neo4j



Redis



TensorFlow



Scikit-learn



LangChain



LangGraph



Keras



Docker



Kubernetes



AWS



GCP



Git



GitHub Actions



React



Tailwind CSS



HTMX



Streamlit



RabbitMQ



Celery



Socket.IO

Featured Work

Selected Projects

From AI-powered platforms to full-stack applications, here are some projects I'm proud of.

The dashboard displays various metrics and charts related to machine health and maintenance. Key components include:

- Main Kritis:** 2 (Priority Urgent)
- Active Ticket:** 1 (Ticket yang sedang diproses)
- Closed Ticket:** 2 (Ditutup bukan ini)
- Machine Alert:** Machine health alert (Kategori 1 - Kritis)
- Distribusi Risiko Mesin:** Proporsi mesin berdasarkan level risiko (Rendah, Sederhana, Tinggi).
- Grafik Tipe Inspeksi:** Persebaran tipe inspeksi yang jadi setting manual.
- Actionable Watchlist:** Mesin perlu dijaga yang memerlukan perhatian segera.
- Alitoxitas Real-time:** Sistem teks berdasarkan mesin dan mesin.
- Status:** Critical (2), Warning (1), Normal (1), Unknown (1).
- ID MESIN:** 000001, 000002, 000003.
- SKOR RISIKO:** 0.8641, 0.8554.
- TIPE INSPEKSI:** Komponen 1 (Mesin Verifikasi/Kelirukan), Komponen 1 (Mesin Verifikasi/Kelirukan).
- WAKTU TERAKHIR:** 11/01/2023, 5:57:54 AM, 11/01/2023, 5:58:08 AM.
- AISI:** [checkboxes]
- LASTHEAT:** Machine 1 health status: Critical (02 Dini, 12:19).

Predictive Maintenance Copilot

Enterprise-grade microservices platform for industrial IoT, featuring autonomous AI agents for real-time machine health diagnosis.

Agentic AI, Industrial IoT, Event-Driven

Microservices, FastAPI, LangGraph, TimescaleDB, Socket.IO, +1 more

View Code

The EchoBrief platform interface includes:

- Features:** Features, Pricing, How It Works.
- Log In / Sign Up:** Buttons for logging in or signing up.
- AI-Powered News Podcasts:** Headline: News You Can Listen To.
- EchoBrief transforms breaking news into personalized audio podcasts. Select your topics, and let our AI deliver the stories that matter, right to your ears.**
- Buttons:** START LISTENING FREE, WATCH DEMO.
- Thumbnail:** Today's Tech Brief (Volume 100).

EchoBrief: AI News Podcast SaaS

News-to-Audio SaaS platform orchestrating GenAI pipelines for automated content synthesis and voice generation.

SaaS Architecture, Async Processing

GenAI Pipeline

FastAPI, React, RabbitMQ, Celery

PostgreSQL, +1 more

View Code

New Global Refrigeration Challenge Live!

Turn your Carbon Footprint Into Forests.

Learn, play, and make every action count toward a sustainable future.

[Start Tracking Free](#)[Login](#)

Enter your business idea:

EcoDeliver is a specialized last-mile delivery service using electric cargo bikes, optimized for transporting fresh produce from urban gardens to businesses, as a solution to the problem identified in the 'UrbanHarvest' idea.

 Use past analyses as content[Analyze Idea](#)

EcoDeliver: Specialized Last-Mile Delivery Service for Urban Gardens' Fresh Produce in Berlin

Executive Summary

EcoDeliver is an innovative, eco-conscious last-mile delivery service designed to transport fresh produce from Berlin's urban gardens directly to local businesses using a fleet of electric cargo bikes. Serving as the logistical backbone of the UrbanHarvest platform, EcoDeliver leverages AI-driven route and load optimization to ensure produce arrives safely and in peak condition, minimizing food waste and carbon emissions. Beyond efficient delivery, EcoDeliver embodies a community-driven green movement by employing local couriers who champion sustainable living and food systems. By connecting urban gardeners and businesses, EcoDeliver addresses the pressing challenges of last-mile delivery in congested city environments while supporting local food ecosystems. This report summarizes EcoDeliver's vision, market opportunity, associated risks, and strategic recommendations, culminating in a SWOT analysis and phased action plan to guide its successful implementation and success.



EcoTracker: Carbon Analytics Engine

Precision-focused carbon tracking platform featuring complex aggregation pipelines and gamified user engagement mechanics.

[Data Visualization](#)[Complex Logic](#)[System Design](#)[React 19](#)[Node.js](#)[MongoDB Aggregations](#)[Redis](#)[Recharts](#)[View Code](#)

VentureMind: Multi-Agent Business Strategist

Collaborative multi-agent system utilizing CrewAI to autonomously research and generate comprehensive business strategies.

[Multi-Agent System](#)[Autonomous Research](#)[LLM Orchestration](#)[CrewAI](#)[RAG](#)[FastAPI](#)[Docker](#)[PostgreSQL](#)[View Code](#)

Persona Nexus

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- Persona 3 FES
- Persona 3 Portable

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Categories

- General Discussion
- Guides & Tips
- Characters & Personas
- Fan Art & Cosplay

Post by u/username
2 My Thoughts After Finishing Persona 5 Royal
Just finished Persona 5 Royal and I have to say it's completely blown my away. The characters, the music, and especially the third semester added so much depth. I definitely recommend it to anyone who has the chance to play it.

1 Comment 599 views 1 year ago

Server-Side Rendering **DevOps**

AI Moderation

Django **HTMX** **AWS EC2** **CI/CD**

PostgreSQL

[View Code](#) [Live Demo](#)

Synapsis AI

1. Deskripsi Pekerjaan
Lowongan Pekerjaan_Digital Marketing Specialist.pdf
Sever 0 Syopta atau file untuk resume

2. CV Kandidat
Urguh CV (biasa lebih dari satu)
Trik berikutnya ini adalah...

3. File duplikat
CV_1_Rina_Wijaya.pdf
CV_2_Rina_Wijaya.pdf
CV_3_Dinda_Putri.pdf
CV_4_Fajar_Nugraha.pdf
CV_5_Gunti_Widayatno.pdf

Hasil Analisis

90 Rina Wijaya
CV_1_Rina_Wijaya.pdf

- Kandidat ini memiliki pengalaman 3 tahun sebagai Digital Marketing Specialist di industry e-commerce dengan pengetahuan ahli mengoptimalkan SEO dan traffic organik. Kandidat juga memiliki sertifikasi yang relevan seperti Google Ads dan Meta Blueprint.
- Poin Kunci Cekik
 - Hengkisan meningkatkan budget akan haluan sekitar Rp 200 juta & Google Ads dan Instagram Ads dengan ROAS melebihi 10%
 - Meningkatkan traffic organik sekitar 70% dalam setahun melalui strategi SEO on-page dan link building.
 - Membuat Sertifikasi Google Ads dan Meta Certified Digital Marketing Associate.
- Poin Perhatian
 - Pengembangan dengan YouTube sebagai platform media sosial tidak diindikasi secara eksplisit dalam CV.
 - Tidak diindikasi pengalaman spesifik dalam mendeklarasi pengiriman Email-Marketing untuk nurturing dan retensi pelanggan.

65 Dinda Putri
CV_1_Dinda_Putri.pdf

60 Agus Setiawan
CV_1_Agus_Setiawan.pdf

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Automated Screening **Batch Processing**

NLP

Python **Flask** **LLM Engineering**

Pandas **Document Processing**

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Check out my GitHub

Timeline

A vertical gray line running down the left side of the page.

Certifications



