

Full-Stack, AI & GIS Developer Portfolio

.NET • Node.js • Python • React • AI • GIS • PostGIS

About Me

I am a full-stack & AI developer with extensive experience in .NET, Node.js, Python, React, GIS systems,

PostGIS, routing engines, and AI automation. I build enterprise-grade SaaS products, secure APIs, dashboards,

geospatial applications, and AI-driven automation.

Core Skills

- .NET Core / C#
- Node.js / Express
- Python (FastAPI, Flask)
- React / Next.js
- SQL Server / PostgreSQL / PostGIS / MongoDB
- GIS Development (Routing, Layers, Tiles, Spatial Queries)
- Mapbox / Leaflet / OpenLayers
- pgRouting / GeoJSON / Shapefiles
- OpenAI / Gemini / LangChain
- Multi-tenant SaaS Architecture
- AI Automation & Data Processing
- API Integrations (Payments, WhatsApp, CRMs)

Major Projects

1. Traffic Management & Routing System (GIS)

A geospatial platform built with Node.js + PostgreSQL/PostGIS + pgRouting.

- Custom routing engine (shortest path, travel time, distance)

- Map layers (roads, buildings, zones, markers)
- Spatial queries, buffer zones, heatmaps
- Real-time analytics dashboard

2. Multi-Tenant SaaS Platform

Complete SaaS with roles, modules, product/category management, billing & reporting.

3. AI Report Generator

Python + OpenAI/Gemini system that generates business summaries, forecasts, insights and formatted PDFs.

4. Geospatial Asset Management Tool

- Asset mapping on GIS layers
- Coordinate tracking
- Geo-fencing alerts
- Spatial search & boundary queries

5. Car Dealer Portal

React + Node platform with inventory, analytics, WhatsApp automation, and AI-enhanced lead scoring.

6. Crypto/Web3 Integrations

Dashboards, wallet tools, and transaction explorers with Python & Node.

7. Enterprise Integrations

WhatsApp, Razorpay, Twilio, Zoho, ShipRocket, Email/SMS, GST systems.

Services Offered

- Full-stack web development
- GIS application development (maps, routing, spatial analytics)
- AI automation & workflow design
- Secure API development (.NET/Node/Python)
- React dashboards & admin panels
- Database design & performance

Why Work With Me?

- Rare combination of AI + Full-Stack + GIS
- Can choose best tech for your project (.NET, Node, Python)
- Strong architecture & scalable design
- Fast development & clean communication

Contact

Available for freelance, hourly, or long-term work.