NIPUN SUJESH

AI Developer • Full-Stack Engineer • Data Science Practitioner

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🔗 Portfolio: https://nipun-portfolio-eight.vercel.app

🔗 LinkedIn: https://linkedin.com/in/nipun-sujesh

🔗 GitHub: https://github.com/Luc0-0

SUMMARY

AI Developer & Full-Stack Engineer experienced in building **intelligent, scalable, production-ready systems**. Strong foundation in **AI/ML, NLP, deep learning, full-stack architectures, and agentic development workflows** using modern AI IDE tools (Claude, Cursor, Copilot, Amazon Q).Delivered **30% performance improvements** in real applications, built **end-to-end AI-integrated systems**, and deployed production-grade services using modern cloud platforms. Have clear knowledge about **cloud deployment tools**.

CORE TECHNICAL SKILLS

Artificial Intelligence & Machine Learning

NLP, Deep Learning, Embeddings, Transformers, RAG pipelines,

Sentiment Analysis, Classification Models, Data Preprocessing

Agentic Development & AI-Enhanced Engineering

Claude AI • Amazon Q • Cursor IDE • GitHub Copilot
Automated code generation, debugging, refactoring, architecture drafting.

Full-Stack Development

React, Next.js, Three.js
Flask, Express.js, Node.js
REST APIs, Webhooks, Modular Architecture

Cloud & Deployment

Microsoft Azure, Firebase, Vercel, Railway, Render

Data Science & Backend

Python (Pandas, NumPy, Scikit-learn)
MongoDB, SQL, Firestore, Cloud Storage

Strengths

System Optimization • Scalable Architecture

• Product Thinking Rapid Prototyping • Clean-Code • AI-Driven Automation

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PROFESSIONAL TRAINING

MERN Stack Engineering — AmyPo Technologies (Jul 2025 – Sep 2025)

- Built **end-to-end full-stack applications** with AI-integrated backends.

- Gained hands-on experience with **modular Express.js/Flask APIs**, state management, backend optimization.

- Worked on real-world deployments using **Vercel, Railway**, and cloud databases.

- Experienced in debugging, performance tuning, version control, CI workflows.

FLAGSHIP PROJECTS

Intelligent Q&A System for Indian Agriculture (Production Ready)

Tech: Python, Flask, NLP, data.gov.in API, Embeddings

- Built an AI-powered Q&A engine that retrieves answers from **live government datasets**.

- Implemented **context-aware NLP** for interpreting user queries and mapping them to relevant agricultural datasets.

- Designed low-latency API architecture with **provenance tracking + optimized request batching**.

- Fully deployable backend with scalable endpoint design.

Elevated Smart Notes (AI-Powered Workspace)

Tech: React, Firebase, Gemini API, NLP

- AI-powered note-taking system supporting **summarization, tone modification, framework generation**.

- Built a real-time collaborative editor using Firebase.

- Integrated Gemini AI to enhance writing efficiency and structured content generation.

Task Manager Pro (30% Faster, Analytics + Gamification)

Tech: React, Express.js, MongoDB, Charts

- Refactored full application architecture for **30% faster load and processing**.

- Engineered analytics dashboard with activity insights.

- Added **XP-based gamified system** to improve productivity engagement.

- Improved backend caching & reduced DB roundtrips.

Interactive 3D Portfolio (Three.js + Live GitHub Fetch)

Tech: React, Three.js, GitHub API

- Built a 3D portfolio with **solar-system navigation**.

- Integrated GitHub API to fetch repositories, auto-categorize projects, and render dynamically.

- UI designed for immersive, futuristic developer branding.

Mental Health Assistant (Emotion-Aware NLP System) –Ongoing

Tech: Python, NLP, Emotion Classification

- Working on a conversational AI assistant capable of generating **empathetic, context-aware responses**.

- Focused on safe AI behavior, grounding, and emotional intelligence.

ADDITIONAL PROJECTS

- 10+ mini-projects integrating AI Agents, Flask APIs, sentiment analysis, automation scripts, and full-stack utilities.

- All repositories: https://github.com/Luc0-0

EDUCATION

B.E. Artificial Intelligence & Data Science
Kathir College of Engineering
GPA: **8.24**

CERTIFICATIONS

- Microsoft Azure AI Fundamentals

- IBM AI Developer Professional Certificate (10-course specialization)

- Python for Data Science — IBM

- AI Application using Flask API — IBM

- HTML, CSS, JavaScript — IBM

- Prompt Engineering Fundamentals

ACHIEVEMENTS

- National-level Maths Olympiad participant (Delhi Zonal 2nd position)

- Inter-college football & chess competitor

LANGUAGES

English (C1), Hindi (C1), Malayalam (C2), Tamil (B2)