Nipun Sujesh

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■ [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Summary

AI Developer & Full-Stack Engineer with expertise in AI-powered application development, cloud deployment, and system optimization. Skilled in Python, React, Flask, and databases with strong foundations in deep learning and NLP. Delivered measurable improvements such as boosting app efficiency by 30%. Certified in Microsoft Azure AI and IBM AI Developer Professional. Passionate about building scalable, intelligent applications and contributing to high-performance teams.

Skills

Languages & Frameworks: Python, JavaScript, React, Flask, Express.js, Tailwind CSS
Databases: MongoDB, SQL, Firebase
AI/ML: Deep Learning, NLP, AI Agents, Gemini API, Sentiment Analysis
Cloud & Tools: Microsoft Azure, Firebase, Git/GitHub, VS Code, Vercel, Railway
Strengths: System Optimization, Problem-Solving, Scalable AI Integration, Collaboration

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Professional Training & Applied Projects

MERN Stack Training (Project-Oriented Coursework) | AmyPo Technologies, Coimbatore | Jul 2025 – Sep 2025
- Completed hands-on coursework in full-stack development using the MERN stack.
- Built and deployed practice applications with AI feature integration.
- Applied Express.js, Flask APIs, and MongoDB for backend development.
- Gained exposure to deployment pipelines (Vercel, Railway).

Flagship Projects

Elevated Smart Notes (AI-Powered App)
- Designed intelligent note-taking app integrating Gemini API for summarization, tone adjustment, and framework generation.
- Built with React frontend + Firebase backend enabling real-time sync.

Task Manager Pro (Gamified Productivity App)
- Rebuilt backend & frontend achieving 30% faster loading and fetch times.
- Added analytics dashboard & gamified XP features for engagement.

Interactive 3D Portfolio
- Developed portfolio using Three.js & React with solar system 3D navigation.
- Integrated live GitHub fetch with auto-categorization of projects.

Mental Health Assistant (In Progress)
- Building AI-powered conversational assistant for mental health awareness.
- Leveraging NLP + AI agents for empathetic responses and wellness support.

Additional Projects

- 10+ AI mini-projects integrating AI agents into real-world apps, including sentiment analysis, Flask APIs, and productivity tools.
- Public repositories available on [GitHub](#)

Education

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

Certifications

- Microsoft Azure AI Fundamentals – ICT Academy (2025)
- AI Developer Professional Certification (10-course pack) – IBM Coursera (2025)
- Python for Data Science – IBM Coursera
- AI Application using Flask API – IBM Coursera
- HTML, CSS, JavaScript Introduction – IBM Coursera
- Prompt Engineering Basics

Achievements & Extracurriculars

- National-level logical reasoning Olympiad participant
- Inter-college football and chess competitions

Languages

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