

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. Proficient in Python, React, and Flask with strong foundations in deep learning, NLP, and agentic coding using AI developer tools such as Claude, Amazon Q, Cursor, and GitHub Copilot. Delivered measurable improvements including boosting app efficiency by 30%. Certified in Microsoft Azure AI and IBM AI Developer Professional. Passionate about leveraging AI agents to build scalable, intelligent, and adaptive applications.

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

Agentic Coding Tools: Claude, Amazon Q, Cursor, GitHub Copilot

Cloud & Tools: Microsoft Azure, Firebase, Git/GitHub, VS Code, Vercel, Railway

Strengths: System Optimization, Problem-Solving, Scalable AI Integration, Collaboration

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).
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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.

■ Intelligent Q&A; System for Indian Agriculture Data

- Developed an AI-driven Q&A; system using live data from India's data.gov.in portal.
- Implemented NLP for contextual understanding and multi-domain data insights.
- Production-ready deployment with real-time API integration and provenance tracking.

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.
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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
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Achievements & Extracurriculars

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

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