

SHREYAS NAMDEO

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PROFESSIONAL SUMMARY

Dual-degree student at IIT Madras and DAVV, specializing in AI and Data Science. Builds end-to-end AI systems, from reinforcement learning agents and RAG pipelines to multi-agent security platforms and full-stack web applications. Currently focusing on harnessing AI agents while serving as AI/ML Lead at Google Developer Club, with a strong background in delivering production-ready projects.

TECHNICAL SKILLS

Programming & Frameworks: Python, TypeScript, Java, Flask, FastAPI, Next.js, scikit-learn, NumPy, Pandas, LangChain, LangGraph
AI/ML: Reinforcement Learning, RAG Applications, Vector Databases, AI Agents, LLM Fundamentals, Small Language Models, NLP, Machine Learning Pipelines
Tools & Cloud: Docker, Vercel, n8n, Linux, Git, Shell Scripting

PROFESSIONAL EXPERIENCE

AI/ML Lead 2025 – Present
Google Developer Club

KEY PROJECTS

Sentinel: AI Code Reviewer with Harness Engineering (*Python, LangGraph, LLMs*) [GitHub](#)
• Built a multi-agent AI system that audits GitHub repositories using specialized LLM agents with a production-grade harness, reducing hallucinations while keeping audit costs under \$0.02 per repository.

Mcpgen: Automated MCP Server Generator (*Python, LLMs, Firecrawl, Playwright*) [GitHub](#)
• Built an AI-powered CLI tool that generates MCP servers from API docs or websites using LLM analysis and code generation, supporting both REST APIs and browser automation for Claude integration.

Prosperity Analyzer Web App (*Python, Flask*) [GitHub](#)
• Built a web application for analyzing and visualizing prosperity metrics, deployed live.

AI Agent for Container Security and Threat Detection (*Python, Multi-Agent Systems*) [GitHub](#)
• Simulated real-world container attack scenarios and detected threats using a multi-agent system with real-time reporting.

CNN Model for Brain Tumor Detection (*Python, TensorFlow, Keras*)
• Developed a CNN model that highlights tumor regions in brain MRI scans.

Moon Rover Automation via Reinforcement Learning (*Python, Reinforcement Learning*)
• Implemented RL to autonomously land a rover in a simulated environment.

Agentic AI for Cross-Platform Sales Automation (*Python, AI Agents*)
• Built an AI agent that manages customer interactions and end-to-end processing across multiple platforms.

Scraper for Mapping Traditional Medicine Codes (*Python, Web Scraping*)
• Automated extraction and alignment of code data from WHO ICD-11 and Ministry of AYUSH sources.

EDUCATION

B.Sc. in Data Science & Applications 2023 – Present
Indian Institute of Technology Madras
GPA: 8.23

Integrated Masters of Computer Applications in 2023 – Present
Devi Ahilya Vishwavidyalaya, Indore
GPA: 8.5

Class XII / Higher Secondary in 2022 – 2023
Advanced Academy, Indore, MP
GPA: 91%

Class X / Secondary Education in 2020 – 2021
Advanced Academy, Indore, MP
GPA: 93%

CERTIFICATIONS & AWARDS

- Applications of AI for Anomaly Detection, NVIDIA, Issued Jan 2026
- Perform Foundational Data, ML, and AI Tasks in Google Cloud, Google, Issued Oct 2023
- Analyze Sentiment with Natural Language API, Issued Apr 30, 2024
- Create ML Models with BigQuery ML, Issued Jan 22, 2024