

SHIVRAJ PATARE

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PROFESSIONAL SUMMARY

AI/ML Engineer specializing in AI-powered automation, LLM-based applications, and full-stack development. Hands-on experience building production-ready platforms with OpenAI APIs, RAG pipelines, and modern cloud infrastructure. Proficient in technical writing, content creation, and prompt engineering workflows.

PROFESSIONAL EXPERIENCE

Intern – Software Engineer Trainee | The DataTech Labs Inc, Pune

Jan 2026 – Jul 2026

Working on AI/ML projects with focus on software development, API integration, and production deployment. Maintaining organizational standards, data security, and project timelines in a collaborative team environment.

Associate (Trainee) | Datamatics Technology Limited, Nashik

Dec 2023 – Jul 2024

Handled client queries and issue resolution in a fast-paced enterprise operations environment. Collaborated with team members to improve workflow efficiency while consistently meeting productivity, quality, and performance metrics.

KEY PROJECTS

Aura — AI-Powered Civic Issue Intelligence Platform | [Live Demo](#)

AI-powered civic reporting platform that analyzes street photos to generate prioritized municipal action items. Integrated OpenAI Vision API for image analysis, Supabase for database management. Deployed backend on Render and frontend with Vercel for scalable real-time processing.

IngreScan-AI — AI-Powered Nutrition Intelligence Platform | [Live Demo](#)

Automated pipeline combining OCR, NLP, and LLM reasoning to analyze food labels and detect risky additives. Implemented structured prompting with validation logic aligned to WHO and FSSAI guidelines. Designed modular workflows with guardrails for safe and reliable outputs.

CareerCrafter — Generative AI Career Intelligence Platform | [Live Demo](#)

LLM-powered application performing resume parsing, skill extraction, and personalized career recommendations using multi-step agent workflows. Implemented RAG pipelines grounded in curated knowledge bases with structured output validation. Designed REST APIs for external tool integration.

EDUCATION

M.Sc. Artificial Intelligence & Machine Learning | MIT ADT University, Pune | CGPA: 8.35/10 2024 – 2026

Bachelor of Computer Applications | Presidency College, Bengaluru | CGPA: 7.56/10 2020 – 2023

TECHNICAL SKILLS

Programming: Python, JavaScript

AI & LLMs: GPT, Gemini, Prompt Engineering, RAG, Agentic Workflows, Tool Calling, Vision AI

Frameworks: LangChain, Hugging Face, Scikit-learn, TensorFlow, PyTorch

Automation: n8n, Zapier, Make.com

Data & Tools: SQL, Pandas, NumPy, NLP, OCR, Git/GitHub, Docker, Linux, VS Code

Cloud & Deployment: AWS, GCP, Supabase, Render, Vercel

Generative AI: Midjourney, Runway, DALL-E, Stable Diffusion

Other: Technical Writing, Blog Writing, Content Creation

RESEARCH & CERTIFICATIONS

Publication: "The Socioeconomic Impact of Artificial Intelligence" | GR Scholastics Journal, 2025 | [Read Paper](#)

Certifications: GenAI for Everyone (Analytics Vidhya), Prompt Engineering Workshop (MIT ADT University & IEEE Pune)