

NANDANI H. RAMOLIYA

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PROFESSIONAL SUMMARY

AI ML Engineer specializing in LLM-powered applications, AI agents, and end-to-end automation pipelines using Python and FastAPI. Experienced in building RAG systems, lead generation workflows, and API-driven integrations across messaging platforms and external services. Proven track record of delivering production-ready AI solutions for real-world client projects.

TECHNICAL SKILLS

Languages	Python, SQL
AI / LLM Systems	LLM Applications, RAG Pipelines, AI Agents, Embeddings, Vector Databases, Prompt Engineering
Backend / APIs	FastAPI, REST APIs, MCP (Model Context Protocol)
Automation	n8n, Make, Playwright, Apollo, Apify
Data & Analysis	Pandas, NumPy, Matplotlib
Integrations	Google Sheets API, Telegram Bots, WhatsApp Automation
Infrastructure	Supabase, Git, PyPI

PROFESSIONAL EXPERIENCE

Rejoicehub LLP — Surat, Gujarat

May 2025 – April 2026

AI ML Engineer

Dec 2025 – April 2026

- Designed and deployed LLM-powered systems including AI agents, MCP tools, and RAG pipelines for client production environments.
- Built automation workflows using Python, FastAPI, n8n, and Supabase, integrating with Google Sheets, Telegram, and WhatsApp APIs.
- Developed and optimized an AI-based PDF malware detection system, improving detection accuracy through iterative testing.

AI ML Intern

May 2025 – Dec 2025

- Built lead generation and web scraping pipelines using n8n, Apollo, and Apify to automate prospect sourcing and qualification.
- Developed GPT-powered personalized email outreach with automated follow-up sequences and Google Sheets tracking.
- Implemented RAG systems using embeddings and vector databases to support semantic search and Q&A workflows.

Data Science Intern — Unified Mentore

Jun 2024 – Aug 2024

- Performed exploratory data analysis on real-world structured datasets using Pandas, NumPy, and Matplotlib to surface actionable insights.
- Built end-to-end ML workflows covering preprocessing, model training, evaluation, and hyperparameter tuning.

PROJECTS

CodeThemes MCP — CLI AI Tool

- Built an MCP-based CLI tool enabling dynamic frontend code modification via LLM integration; published on PyPI for public developer usage.

AI Lead Generation & Outreach Automation

- Built an end-to-end pipeline integrating Apollo, Apify, and LinkedIn automation to source and qualify leads at scale.
- Implemented GPT-powered personalized email generation with human-in-the-loop approval and automated follow-up tracking via Google Sheets.

PDF Malware Detection System — Client Project

- Developed an AI-based system to detect malware embedded in PDF files; handled dataset preparation, testing pipelines, and performance optimization.

EDUCATION

Diploma in Information Technology

Gujarat Technological University

2022 – 2025

CGPA: 9.40 / 10

ACHIEVEMENTS

Smart India Hackathon (SIH) — Qualified for Round 1 of the national-level innovation competition.