

ANIKET SANCHANIYA

Full Stack Software Engineer | AI/ML Engineer

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PROFESSIONAL SUMMARY

Software Engineer with production experience across React.js, TypeScript, Python (Django/FastAPI), and Node.js, building secure APIs, scalable multi-tenant SaaS platforms, and end-to-end features in Docker/Linux environments. Equally strong on the AI side — designing and shipping LLM-powered agentic systems, RAG pipelines, and multi-provider voice AI integrations in production. Fast learner who quickly adapts to new stacks (Angular, Java, Node.js); comfortable owning a feature from database design through deployment.

EXPERIENCE

Software Engineer I — AI/ML — Clicode Pvt. Ltd. | Oct 2025 – Present | Ahmedabad

- Designed an agent-based, status-driven AI automation system for a Spain government municipal newspaper — automating article research, generation, review, and publishing via Python, LangChain, and OpenAI API; reduced editorial effort by 70%, enabling 100+ articles/month.
- Integrated LLM workflows with FastAPI and PostgreSQL to automate content formatting, metadata generation, and scheduled publishing; cut content preparation time by 60%.
- Built a CRM-integrated Autodialer for Grupo ATU (Frappe CRM + FastAPI control service on Asterisk PBX) — replacing a fully manual 6-step calling process with automated campaign filtering, list validation, and configurable call-pacing at scale.
- Architected a multi-provider Voice AI Agents platform on Asterisk — outbound/inbound conversational AI across ElevenLabs Conversational AI, OpenAI Realtime, and Google Gemini pipelines — with a CRM control panel for configuring, launching, and monitoring agents, plus automatic lead qualification, transcripts, and CRM/Call Log updates.
- Built a digital signature and approval system using NebulaSuite within Frappe/ERPNext, applying security-first practices (RBAC, input validation, access control); reduced document turnaround by 80% and eliminated manual paperwork.

Python Full Stack Engineer — TenthSpire Technologies | Jan 2025 – Sep 2025 | Surat

- Developed a multi-tenant white-label SaaS platform serving 500+ users using Django, DRF, React.js, and TypeScript; designed secure, permission-scoped RESTful APIs for product, order, and domain management.
- Integrated the Google Merchant Center API for automated product sync; built 15+ reusable React components, cutting feature dev time by 30% and code duplication by 20%.
- Integrated GoDaddy, ResellerClub, SendGrid, and Mailchimp to automate domain management and customer communication workflows, handling API keys and secrets via environment-based config.

PROJECTS

AFDSS — Autonomous Failure-Driven Software System — **Actively building** | Python, FastAPI, Docker, Prometheus, Grafana, Redis Streams, MLflow, PyTorch, scikit-learn

- Building a self-healing backend for real-time failure detection: FastAPI microservices monorepo with Prometheus + Grafana monitoring and MLflow tracking; anomaly layer uses an LSTM Autoencoder + Isolation Forest streamed via Redis Streams.

InvoiceIQ — AI Invoice Extraction & Tally Automation — **Freelance, in progress** | Python, Django, FastAPI, React.js, Gemini Flash 2.0, OCR, PostgreSQL, Tally REST API

- Building an invoice extraction & Tally automation system (PDFs, scans, Excel) integrating Gemini Flash 2.0 via FastAPI with a rule-based GSTIN/HSN/tax auditability engine and a vendor auto-matching engine targeting 80%+ reduction in manual data entry.

CropVision AI — Crop Disease Detection System — | Python, FastAPI, LangChain, Hugging Face, PyTorch, React.js, Docker

- Built an AI crop disease detection system achieving ~90% accuracy across 50+ categories using PyTorch and Hugging Face; reduced identification time from hours to under 10 seconds.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java

Frontend / Backend: React.js, Angular (working knowledge) · Node.js, FastAPI, Django, DRF, Flask, Express (basics)

AI / Agents: LangChain, LangGraph, Agentic Workflows, Voice AI (ElevenLabs, OpenAI Realtime), RAG Pipelines, Prompt Engineering, OpenAI/Gemini/Claude API, MCP concepts

Security & Ops: OWASP basics, Auth/RBAC, Input Validation, Docker, CI/CD, Prometheus, Grafana, MLflow, Linux/VPS

Databases: PostgreSQL, MySQL, Pinecone, FAISS, ChromaDB

EDUCATION

MCA — Sardar Patel University, Gujarat, IN | 2023–2025 | GPA: 7.77/10

B.Sc. Mathematics — Veer Narmad South Gujarat University, Gujarat, IN | 2020–2023 | GPA: 7.73/10

CERTIFICATIONS

- Introduction to Information Technology and AWS Cloud — Coursera, 2025
- AI Fluency: Framework & Foundations — Anthropic, 2026