

Nanda Kumar

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AI Engineer shipping production GenAI applications using Langchain, Pydantic AI, FastAPI, and React at Wipro Limited. Built 3 full-stack AI systems from scratch—RAG chatbots, multi-agent workflows, and type-safe backends. Specialize in translating complex AI prototypes into scalable, production-ready applications.

EDUCATION

HKBK COLLEGE OF ENGINEERING

Bachelor of Engineering in Electronics and Communication Engineering
CGPA – 9.27

Karnataka, Bangalore

Nov 2021 – Sept 2025

TECHNICAL SKILLS

AI/ML Frameworks: Langchain, Langgraph, Pydantic-AI.

Programming Languages: Python (production-grade), JavaScript (ES6+), SQL

Backend: FastAPI (primary), REST APIs, async/await patterns

Frontend: React.js, Tailwind CSS, Shadcn/UI

Databases: Snowflake-ready (PostgreSQL, MongoDB, Supabase, SQLite).

DevOps: Docker, Git/GitHub, CI/CD pipelines

INTERNSHIPS

PROJECT INTERN | WIPRO LIMITED | [LINK](#)

Jun 2025 – PRESENT

- Shipped AI agents using LangChain/LangGraph that automated business workflows, reducing manual processing time by ~40%
- Architected full-stack GenAI apps: FastAPI backends + React frontends (Shadcn/UI, Tailwind) serving real-time LLM responses
- Implemented Pydantic AI models for type-safe data validation across 5+ microservices, eliminating runtime errors in production
- Collaborated cross-functionally with data scientists and product managers to translate POCs into scalable production systems

PROJECTS

AI Personal Portfolio Website | React | FastAPI | RAG | LLMs | [Github](#)

February 2026

- Built RAG-powered chatbot delivering context-aware responses using vectorized resume embeddings and custom retrieval pipeline
- Designed modular FastAPI backend with pluggable LLM providers (OpenAI, Gemini, Claude)—swappable in <5 lines of code
- Optimized API response times to <2s for complex queries using async processing and caching strategies

AI Recruitment Agent | Python | Langgraph | Gemini LLM | [GitHub](#)

January 2026

- Automated candidate screening workflow: resume analysis → skill matching → interview/rejection routing using LangGraph state machines
- Integrated Google Gemini for semantic resume parsing, achieving 85%+ accuracy in skill extraction vs. manual review
- Built extensible architecture supporting 10+ job roles with zero code changes—config-driven role definitions

Just Backend | FastAPI | Supabase | JWT | [GitHub](#)

January 2026

- Developed a seamless platform connecting users with local doctors, aimed at making healthcare more accessible and convenient.
- Enabled features for immediate assistance or booking appointments, helping users easily reach out to trusted medical professionals nearby.
- Created a frontend-only webpage focused on enhancing the user experience in healthcare services.