

# Nanda Kumar

+91 9353560093 | nk9219382@gmail.com | [GitHub](#) | [LinkedIn](#)

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.