

# Nanda Kumar

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A highly motivated and detail-oriented Electronics and Communication Engineering graduate and AI Engineer and Full Stack Developer with hands-on experience building intelligent applications using LLM frameworks. Currently developing AI agents and scalable solutions at Wipro Limited's WAPTE team using LangChain, LangGraph, Pydantic AI, FastAPI, and React. Proven ability to transform complex business requirements into production-ready AI-powered applications with modern web technologies.

## EDUCATION

### HKBK COLLEGE OF ENGINEERING

Bachelor of Engineering in Electronics and Communication Engineering  
CGPA – 9.27

Karnataka, Bangalore

Nov 2021 – Sept 2025

## TECHNICAL SKILLS

**Frameworks:** Langchain, Langgraph, Pydantic-AI.

**Programming Languages:** Python, JavaScript, C, Verilog.

**Frontend:** HTML/CSS/JS, React.js, Tailwind CSS, Shadcn UI

**Backend:** FastAPI, RestAPI, GraphQL.

**Database:** MongoDB, PostgreSQL, Supabase, SQLite.

**Tools & DevOps:** Git/Github, Docker.

## INTERNSHIPS

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

Jun 2025 – PRESENT

- Developed and maintained AI-powered applications as part of the WAPTE team
- Built intelligent AI agents using LangChain and LangGraph frameworks for various business requirements
- Implemented full-stack solutions with FastAPI backend and React frontend using shadcn/ui and Tailwind CSS
- Designed and deployed Pydantic AI models for structured data validation and type-safe operations
- Collaborated with cross-functional teams to deliver scalable AI-driven applications

## PROJECTS

### TO-DO-LIST HTML|CSS| JavaScript | [GitHub](#)

August 2024

- Developed a responsive To-Do List webpage to help users efficiently manage tasks.
- Implemented features such as adding tasks and marking tasks as complete, enhancing user interaction and functionality.
- Designed for individuals focused on improving productivity, with a clean, user-friendly interface.

### LANDING WEBSITE HTML|CSS| JavaScript | [GitHub](#)

August 2024

- 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.

### ATM MACHINE Python| [GitHub](#)

Sept 2024

- Developed a basic console-based banking application using Python, simulating real-world banking functionalities.
- Implemented features like account creation, deposit/withdrawal, balance inquiry, and PIN change.
- Ensured secure transactions by validating account number and ATM PIN.
- Utilized Python dictionaries for efficient storage and retrieval of account data.
- Integrated pyttsx3 (text-to-speech) library to enhance user interaction and accessibility.
- Designed a simple, menu-driven interface to ensure ease of use for all users.