

# Naman Gandhi

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## ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute	CPI/%
2026 - Present	B. Tech.	Netaji Subhas University of Technology	7.24/10
2022	Class XII (CBSE)	Bal Bhavan International School	90.0%
2020	Class X (CBSE)	Bal Bhavan International School	95.8%

## PROJECTS

**Video Calling Interview Platform** | *Web Development Project* | 

*Tech Stack-Next.js, WebRTC, MongoDB, NextAuth.js, Tailwind CSS* Jan '25 - Apr '25

- Designed and developed an **online video calling interview platform** to **automate** and **streamline** virtual hiring processes.
- Integrated **WebRTC** for **high frame rate video sharing and real-time communication**, enhancing collaboration during interviews.
- Implemented **LeetCode** integration and an **online compiler** for live **coding assessments**, ensuring seamless **technical evaluations**.
- Utilized **Next.js** and **NextAuth.js** for secure **Google login authentication** and dynamic API routing, improving user experience and security.
- Documented technical specifications including **Software Requirements Specification (SRS)**, **Software Design Document (SDD)**, and User Manual for effective project management.

**Local AI Agent** | *AI/ML project* | 

*Tech Stack-Streamlit, LangChain, OpenAI GPT-4o-mini, dotenv* May '24 - July '24

- Developed a dual-interface AI chatbot** using **Streamlit** and **Python CLI**, enabling both web-based and terminal interactions for flexible user access.
- Integrated GPT-4o-mini via LangChain** to power context-aware conversations, ensuring intelligent and coherent responses across chat sessions.
- Implemented secure API key management** using **dotenv** and **environment variables**, adhering to security best practices for sensitive data handling.
- Designed persistent chat history** with **LangChain's** message classes (**SystemMessage**, **HumanMessage**), maintaining conversation context for improved user experience.
- Optimized deployment readiness** by structuring modular code for easy scalability, demonstrating proficiency in full-stack AI application development.



## RELEVANT COURSES

Compiler Design	Algorithm Design	Logic for CS	Principles of Database Systems
Operating Systems	High Performance Computing	Microprocessors	Data Structures and Algorithms
Discrete Mathematics	Computer Networks	Probability for CS	Introduction to Machine Learning
Theory of Computation	Computer Organisation	Software Development	Object Oriented Analysis and Design

## SKILLS

**Library and Tools:** Git, GitLab, Bash, Jupyter Notebook, NumPy, PyTorch, matplotlib, Seaborn, TensorFlow,  
**Programming:** C++, Python, SQL, JavaScript **Soft Skills:** Teamwork, Problem Solving

## ACHIEVEMENT AND CERTIFICATIONS

- Successfully completed a highly selective **Graphs Camp** (top 2.5% of 40,000+ applicants), mastering 17+ advanced graph and dynamic programming techniques, gaining proficiency in the **GraphX Template Library**, and earning a certificate for navigating this rigorous training program.
- 1100+ max (1191) Rating on  [CODEFORCES](#)
- 550+ DSA questions solved on  [LeetCode](#)
- Electronic Arts Software Engineering virtual experience program on Forage - April 2025 Proposed a new feature for the EA Sports College Football and wrote a Feature Proposal describing it to other stakeholders. Built a class diagram and created a header file in C++ with class definitions for each object. Patched a bug fix and optimized the EA Sports College Football codebase by implementing an improved data structure