

# NANDINI NEMA

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## EDUCATION

**Bachelor of Technology in Information Technology, Honors in DevOps** Aug 2023 – Jun 2027  
SVKM's Dwarkadas Jivanlal Sanghvi College of Engineering, Mumbai, India CGPA: 9.45/10.0

## WORK EXPERIENCE

**Indian Institute of Technology, Bombay** | Full-Stack Development Intern Jan 2025 – Jun 2025

- Applied web development skills to build back-end logic and leveraged modern front-end technologies to create responsive, user-friendly interfaces.
- Developed RESTful APIs and optimized database queries, improving API response time by 20% and supporting high-performance platforms used by organizations of national importance.
- Collaborated in a team of 5 to deploy full-stack solutions that are now utilized at a national scale, ensuring seamless integration and reliable functionality.

**Plasmid Innovations** | Web Development Intern Aug 2024 – Oct 2024

- Applied front-end development skills as a Web Development intern to design and implement interactive user interfaces, enhancing user engagement and accessibility.
- Created detailed documentation for UI designs and component structures, facilitating efficient collaboration and future development efforts.

## TECHNICAL SKILLS

**Programming Languages:** C/C++, Python, Java, JavaScript, HTML5, CSS3, SQL

**Libraries & Frameworks:** ReactJS, Express.js, React Flow, MongoDB, Node.js, React Native, Web3, Flask, LangChain, NumPy, Pandas, TensorFlow, PyTorch, Matplotlib, BeautifulSoup, Scikit-Learn, TailwindCSS, Streamlit, Bootstrap

## CERTIFICATIONS

**IBM Generative AI Engineer – IBM** Jun 2025

- Gained hands-on experience building generative AI applications using Watson Studio, prompt engineering, and foundational models like RAG and LLMs.

**Full Stack Web Developer – Udemy** Jun 2025

- Built full-stack applications using MERN stack, RESTful APIs, and modern deployment workflows.

**UI/UX Mastery – Udemy** Oct 2024

- Mastered design principles, user research, prototyping, and usability testing using Figma.

## PROJECTS

**AgentFlow – Agentic AI Platform for Streamlined Agent Development** | React Flow, LangChain, Pinecone GitHub

- Built a no-code platform with 200+ configurations using LangChain Expression Language and Pinecone Vector DB.
- Integrated React Flow for drag-and-drop workflows and FastAPI WebSockets for real-time coordination.
- Reduced development time by 40% ; ranked 1st among 50+ teams in a national AI hackathon.

**Arogyam – Machine Learning Ayurveda Recommendation System** | OpenCV, Flask, React.js, Tailwind CSS GitHub

- Created an ML model to classify 5+ nail and facial features using OpenCV.
- Improved accuracy by 20% through custom feature engineering for Ayurvedic indicators.

## AWARDS & ACHIEVEMENTS

**DATA 2 KNOWLEDGE 3.0 HACKATHON – D.J. Sanghvi College of Engineering, Mumbai** Mar 2025

- Ranked 1st for developing AgentFlow - an Agentic AI Platform to simplify agent development.

**FRONTEND ARENA HACKATHON – Rajiv Gandhi Institute of Technology** Mar 2025

- Secured 2nd Position for building Fambot – a smart family assistant web app enhancing household coordination through AI-driven features.

**NASA SPACE APPS CHALLENGE – Noida Edition** Oct 2024

- Secured Finalist position by developing SeismoTrack, a software to support space missions.

**SMART INDIA HACKATHON** Nov 2023

- Achieved All India 6th Rank in the national-level hackathon by solving real-world industry problem statements.

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

**Computer Society of India (DJCSI) | Active member** Sept 2024 - Jun 2025

- Authored DJCSI's TechFlix and Protocol Newsletters, featuring 11+ interviews and 18+ articles on tech trends and career insights.
- Coordinated for Codeshastra XI , a national-level event with 250+ participants , and a 6-Hour UI/UX Hackathon with 80+ participants , ensuring seamless execution and high engagement.