



Nayan Mishra

Master of Computer Applications
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Nayan993

EDUCATION

- **Motilal Nehru National Institute of Technology Allahabad, Prayagraj** 2025 - 2028
Master of Computer Applications CPI: 8.5
- **Dr. Virendra Swarup Institute of Computer Studies** 2022 - 2025
Bachelor of Computer Applications CPI: 8.2
- **Bright Angels Education Centre** 2021
12th Standard, UP Board Percentage: 80.6
- **Bright Angels Education Centre** 2019
10th Standard, UP Board Percentage: 84.83

PROJECTS

- **Healthy Contributors**  July 2025
MongoDB, ExpressJS, ReactJS, NodeJS (MERN)
 - Developed and deployed a **full-stack MERN web platform** at *healthycontributors.org* with backend on Render and database on MongoDB Atlas, serving **100+ registered users** and **1000+ certified visits**.
 - Built a curated **free tech resource hub** helping students discover top-rated learning materials across domains, organized subject-wise for CSE semesters.
 - Implemented complete **authentication system** with login, signup, and forgot password via **email verification**.
 - Architected a **scalable backend** capable of handling daily traffic smoothly with efficient database queries and RESTful APIs.
- **Vocal Deck**  September 2025
ReactJS, Electron, Web Audio API, WaveSurfer.js
 - Built a professional-grade **offline desktop audio editor** using React and Electron with non-destructive editing and unlimited undo/redo.
 - Implemented **real-time waveform visualization** and interactive timeline navigation using WaveSurfer.js.
 - Engineered an **offline audio processing pipeline** using Web Audio API and OfflineAudioContext for EQ, pitch, speed, and effects.
 - Enabled **WAV and MP3 export** with smart versioning; integrated FFmpeg for high-quality MP3 encoding.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, JavaScript

Developer Tools: Git, GitHub, VS Code

Frameworks and Libraries: ReactJS

Databases: MongoDB

Coursework: Object Oriented Programming (OOPs), Data Structures and Algorithms

Areas of Interest: Desktop Development, Web Development

Soft Skills: Problem Solving, Public Speaking

ACHIEVEMENTS

- **AIR 106, NIMCET** — National-level MCA entrance examination
- **99.00 Percentile, MAH CET** — Maharashtra Common Entrance Test
- **Finalist, Dev Jam** — Development hackathon
- **First Runner-Up, Inter-College Hackathon** during Graduation
- **Rank 1st, OPC 2** — Online Programming Contest conducted by Application Club, MNNIT
- **Rank 1st, OPC 3** — Online Programming Contest conducted by Application Club, MNNIT
- **Ranked 5th, ContriHUB** — Open-source contribution event
- **30th Institute Rank, Hack36** — Competitive programming contest

PROFILE LINKS

 **Leetcode:** divasmishra

 **Codeforces:** divasmishra