Nishant Mohan

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Bachelor of Technology
Computer Science and Technology
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EDUCATION

- **Motilal Nehru National Institute Of Technology Allahabad** — *2023 present*
  Bachelor of Technology and Computer Science and Technology — CGPA: 8.5
- **BBS International School Gohari** — *2023*
  Central Board of Secondary Education, Uttar Pradesh — Percentage: 93
- **BBS International School** — *2021*
  Central Board of Secondary Education, Uttar Pradesh — Percentage: 93

PERSONAL PROJECTS

- **Horizon Arc Investments**

  Land trading platform featuring share-based land sales, analytics dashboard, real-time chat, notifications, and admin management.
  - Tools & technologies used: MERN stack, MongoDB, Socket.IO, Redux Toolkit, Razorpay payment gateway, JWT for authentication, Cloudinary for image upload.
  - Successfully built and implemented personal dashboards, real-time chat features, notification systems, and administrative panels. Enabled seamless land shares buying and selling experience, integrated a secure payment gateway, and provided image management services.

- **Vend Ventures** — *Dev Jam - April 20, 2024*

  Marketplace platform for listing and negotiating item sales, featuring chat, developed during Dev Jam.
  - Tools & technologies used: MongoDB, Google Authentication, Chat Application.
  - Developed a platform that enabled seamless item listings and bargaining through real-time chat. Integrated secure user authentication with GoogleAuth and implemented efficient data management using MongoDB.

- **Shiksha** — *InnoDev - March 21, 2024*

  Education platform with Zegocloud streaming and document management, developed at InnoDev.
  - Tools & technologies used: Zegocloud, MongoDB, User Authentication, Video Streaming.
  - Developed an education platform with features such as video streaming, document uploads, and user dashboards, integrating Zegocloud for streaming and MongoDB for backend data management.

- **Line and Wall Follower** — *Bot Rush*

  Arduino-based robot that follows lines and walls using IR and ultrasonic sensors, implemented with Arduino programming.
  - Tools & technologies used: Arduino, IR sensors, Ultrasonic sensors.
  - Successfully developed a functional robot capable of detecting and following lines and walls, using sensor data and Arduino programming for navigation.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, Java, TypeScript, JavaScript, Bash, Arduino
Developer Tools: Git, Visual Studio Code, Postman, ESLint, Figma
Frameworks: Django, React, Node.js, Express.js, Redux Toolkit
Cloud/Databases: MongoDB, SQLite
Soft Skills: Communication, Problem-solving, Teamwork, Time Management, Leadership
Coursework: Data Structures and Algorithms, Operating Systems, Database Management, Software Engineering, Machine Learning
Areas of Interest: Web Development, Artificial Intelligence, Robotics

POSITIONS OF RESPONSIBILITY

- **Member,** Music Club Nishaad
- **Member,** Quintesenes

ACHIEVEMENTS

- **Selected for National Astronomy Olympiad** Top 1 percent in state twice — *2022 and 2023*
- **Selected for KVPY** Ranked 1056 overall — *2022*
- **Codeforces Contest Pupil** Rank of 4289 — *2024*
- **Finalist in Dev Jam** finalist — *April 20, 2024*
- **2nd Place in CodeStart Competitive Programming** Achieved 2nd place in first year — *March 17 ,2024*