




# Devendra Saini

 LinkedIn Profile

 GitHub Profile

 +91-9549164695

 devsaini150602@gmail.com

## EDUCATION

- **Motilal Nehru National Institute of Technology Allahabad, Prayagraj** 2021 - 2025  
*B.Tech in Mechanical Engineering*
- **Subodh Public School, Nawalgarh, Raj.** 2019  
*Rajasthan Board of Secondary Education*

## PROJECTS

- **Chat Application | [GitHub Link](#)** Feb 2024  
*ReactJS, NodeJS, ExpressJS, MongoDB, Tailwind CSS, Shadcn/ui, Socket.IO, Zustand, imagekit.io*
  - Designed a chat platform with **Socket.IO**, enabling **one-on-one and group chats** for **400+ concurrent users**.
  - Architected a responsive frontend using **React + Tailwind CSS**, achieving **100%** mobile compatibility
  - Added functionality for sharing media files (images, videos, PDFs, and documents), leveraging **ImageKit.io** for storage and downloads, successfully tested with over **500** users..
  - Strengthened system security with **JWT**-based authentication, incorporated emoji support with **emoji-picker-react**, and refined **MongoDB** schemas for optimized performance.
- **ELearning | [GitHub Link](#)** Aug 2023  
*Javascript, React.js, Node.js, Express.js, MongoDB, Cloudinary, Razorpay, Redux, Tailwind CSS*
  - Developed an ed-tech platform facilitating content creation, access, and feedback, with dedicated features for students and instructors.
  - Delivered a robust client-server structure, enabling full **CRUD** operations across modules.
  - Implemented **RESTful APIs** for **authentication, course management, and payments**; integrated Razorpay, Cloudinary, and email verification.
  - **Optimized** authentication and payment security protocols for course management systems and payment gateways, enhancing operational efficiency and reducing transaction errors by **30%** within two months.
- **Humanoid | [GitHub Link](#)** Jan 2023  
*C++, Arduino, Inverse Kinematicss*
  - Engineered an algorithm for a bipedal humanoid robot with 10 degrees of freedom, employing inverse kinematics for stable and smooth locomotion on flat terrain.
- **Tic-Tac-Toe | [GitHub Link](#)** Feb 2023  
*HTML, CSS, JavaScript*
  - Built an interactive Tic-Tac-Toe game using **JavaScript, HTML, and CSS**; implemented a robust player turn system leading to **over 500** successful gameplay sessions during user testing with immediate positive feedback on engagement.
- **Other Projects Link**
  - [Task Manager](#) • [Spotify Clone](#) • [Weather App](#) • [Portfolio](#) • [Tour Plan](#) • [Random Meme](#)
  - [Dice-Game](#) • [Tic-Tac-Toe Game](#)

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages:** C, C++, JavaScript, Python (basic), SQL

**Web Dev Skills:** HTML, CSS, Express.js, Node.js, React.js, Socket.io, Tailwind CSS, Redux, Zustand

**Developer Tools:** Git, Github, Render, Vercel, Netfly, Postman, Visual Studio Code, Cloudinary, Imagekit.io

**CS Fundamentals:** Data Structures & algorithms, Object-Oriented Programming, Operating System

**Cloud/Databases:** MongoDB, MySQL

**Misc Tools:** Arduino IDE, Git, Github

## POSITIONS OF RESPONSIBILITY

- **Coordinator** Robotics Club, NIT Allahabad Oct 2023 - Present
- **Coordinator** Self-Driving Car (SDC), NIT Allahabad Jan 2024 - Present
- **Techfest Event Coordinator, Aavishkar Techfest** NIT Allahabad 2024

## ACHIEVEMENTS

- **Secured 3rd place in the 'Mind the Path' Line Follower event** Aavishkar, Tech Fest, MNNIT Allahabad
- **Mentored 6+ projects as Coordinator of Robotics Club** Robotics Club, MNNIT Allahabad
- **Coding Profile** Solved 400+ problems on [LeetCode](#) and 150+ problems on [Code360](#) focused on DSA.