

AYUSH DUBEY

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🌐 LinkedIn 🐙 GitHub 🌐 Portfolio Website

Education

Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur 2024–2028
Bachelor of Technology with specialization in Artificial Intelligence
Focus on Software Engineering, Artificial Intelligence, and Full-Stack Development.

Key Technical Projects

- **RAP-CASED: E-commerce Platform for Bespoke Mobile Accessories** (*Next.js, React, MongoDB, Node.js*)
Developed a full-stack e-commerce site for custom phone cases, featuring a dynamic UI and responsive design.
[Source](#) | [Live](#)
- **MessMate: Culinary Resource Queue Management** (*Next.js, React, MongoDB, Node.js*)
Engineered a slot booking system for university mess halls to optimize food usage and reduce wait times.
[Source](#) | [Live](#)
- **Cognitive Biometric Analysis System (CBAS) - Vision AI** (*TensorFlow.js, JavaScript*)
Created an AI to analyze movements and detect behavioral indicators, advancing human-computer interaction.
[Source](#) | [Live](#)
- **Wireless Autoconnection Protocol for Campus Connectivity** (*Java, Android Studio*)
Built an Android app for seamless and secure Wi-Fi authentication across the MMMUT campus.
[Source](#)

Web Development Projects Portfolio

Curated 12 foundational web projects as educational resources, showcasing clean code and intuitive design. [Website](#)
| [Source Codes](#)

- **Easy:** [Letter Case Changer](#) | [Weather App](#) | [GitHub Finder](#)
- **Intermediate:** [YouTube Clone](#) | [Ping Pong Game](#) | [3D Visualizer](#)
- **Advanced:** [Disorder Simulator](#) | [Physics Simulation](#)

Technical Acumen

Languages: Python, C++, C, JavaScript, SQL, HTML5, CSS3, Kotlin
Frameworks: React.js, Next.js, Node.js, Express.js, TensorFlow.js, Tailwind CSS
Databases: MongoDB, Firebase
Tools: Git, GitHub, Vercel, Postman, Android Studio
Core Skills: Full-Stack Development, Mobile Development, AI Fundamentals, Data Structures & Algorithms

Distinguished Achievements

- Achieved **AIR 4142** in IISER Aptitude Test and **100th percentile in Computational Thinking** for IIT Madras B.S. Qualifier.
- Contributed to open-source through **Hacktoberfest 2023 & 2024**.
- Ranked in the **top 8% globally** in a Codeforces Kotlin contest ([Standings](#)).
- Peak Codeforces rating: ~959 ([Profile](#)); completed CodeChef C++ course.

Strategic Engagements Leadership

- Led school cricket team to multiple district-level championships.
- Participated in Model United Nations and collaborated on a documentary about quick-commerce delivery practices.
- Proficient in prompt design and leveraging generative AI for development.