

Aditya Modanwal

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Education

Madan Mohan Malaviya University of Technology

Expected May 2025

Bachelor of Technology in Electronics and Communication Engineering (CGPA: 7.95 / 10)

Gorakhpur, U.P.

- **Subjects:** DSA, OOPS, DBMS, OS, Internet of Things (IoT), Signal and System, Analog electronics.

Experience

IBM Skillsbuild - CSRBOX

June 2024 – August 2024

Frontend Web Developer

Virtual

- Gained expertise in HTML, CSS, JavaScript, and React.js through industry-led training.
- Developed a frontend project aligned with UN Sustainable Development Goals using custom Bootstrap and JS.
- Enhanced teamwork and communication skills through collaborative project work.

Signal and Telecom Training Centre, NE Railway

May 2024 – June 2024

Summer Trainee

Gorakhpur, U.P.

- Studied Axle Counter technology for railway automation.
- Gained hands-on experience in Signal Engineering & Telecommunication Systems.
- Prepared and delivered a technical report on project insights and findings.

Projects

RageAI | React.js, Express.js, MongoDB, Node.js | Link:- [Aditya-2aga/RAGEai](#)

- Developed a MERN-based AI collaboration tool leveraging Gemini API for intelligent project creation.
- Developed features like AI-powered chat, automated Express server generation, web container-based server execution, user authentication and team collaboration.

SeekhLo | HTML, CSS, JavaScript, Bootstrap | Link:- [SeekhLo](#)

- Designed and deployed a frontend project promoting quality education & free learning resources.
- Key features: Resource aggregation, structured roadmaps for learners and interactive UI.

Baggers | Express.js, MongoDB, Node.js, EJS | Link:- [Baggers](#)

- Designed and developed a backend server for a demo E-Commerce website which uses EJS for frontend rendering
- Implemented key features including user authentication, admin product management, add-to-cart functionality, and session-based logout.

Skills

Languages: C, C++, Java, JavaScript, EJS, HTML, CSS.

Technologies/Frameworks: Next.js, Node.js, React.js, Express.js, jQuery, Bootstrap, Tailwind, ShadcnUI, Redis, Socket.io.

Databases: MongoDB, MySQL, PostgreSQL.

Tools: Git, GitHub, Postman, VS Code, Figma.

Non-Technical: Communication, Leadership, Team-work, Decision-making, Problem-solving.

Position of Responsibility

- **Joint Secretary** at E-Cell, MMMUT (August 2024 - ongoing)
- **Technical Head** at ECES, MMMUT (April 2024 - ongoing)
- **Student Coordinator**, Institute's Innovation Council (January 2024 - ongoing)

Achievements / Extra-curricular

- Qualified for State round of SIH'22, India.
- First runner up of Band-Battle event at annual cultural and literary fest, "Abhyudaya" at MMMUT.
- Participated in Brains and Brawns, a treasure hunt event by IEEE-SB MMMUT under "TechSrijan".