

# HIMANSHU AZAD

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## Summary

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- Third-year **Computer Science & Design** student at **MITS, Gwalior**.
- Hands-on experience in **full-stack web development** using React, Node.js, Express.js, and MongoDB, including real-time features with Socket.IO.
- Proactive learner with strong **problem-solving skills** and collaborative development experience using Git and GitHub.

## Technical Skills

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**Programming Languages:** C++, C, Python, JavaScript

**Frontend Technologies:** React, Next.js, Tailwind CSS, **Material UI (MUI)**, **shadcn/ui**, Framer Motion

**Backend Technologies:** Node.js, Express.js

**Database:** MongoDB

**Version Control & Tools:** Git, GitHub, VS Code

**Additional Competencies:** Data Structures & Algorithms, REST APIs, Authentication, Full-Stack Development

## Personal Projects

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**SyncUp: Real-Time Chat Application (Full-Stack)** [Live](#)

*MERN Stack, Socket.IO*

- Built a real-time chat application with authenticated users.
- Developed REST APIs using Node.js, Express.js, MongoDB, and Socket.IO for **low-latency messaging**.
- Ensured **reliable message delivery** and smooth client synchronization.

**Placement Prediction Website** [Source](#)

*Web Application*

- Built a web application to estimate student placement outcomes using academic and skill-based inputs.
- Implemented validation, data processing, and clear result visualization to support placement readiness assessment.

**FinSight: Personal Financial Dashboard** [Source](#)

*Web Application*

- Developed a full-stack personal finance dashboard using Next.js and MongoDB.
- Engineered **scalable transaction handling** with server-side pagination and filtering.
- Integrated an **AI-powered monthly financial summary** to surface meaningful spending insights.

**Blog Application (Full-Stack)** [Source](#)

*MERN Stack*

- Built a full-stack blog platform with user authentication and post management.
- Implemented secure APIs with Node.js and Express.js and a responsive React frontend.
- Strengthened understanding of CRUD operations and authentication workflows.

## Relevant Experience

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- **Technical Mentor, MITS Gwalior** — Mentored and taught **junior students** programming languages and guided them in **problem-solving** and core CS concepts.
- **Peer Guide, MITS Gwalior** — Assisted juniors in understanding **programming fundamentals**, development workflows, and best practices through collaborative learning.

## Education

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**Madhav Institute of Technology & Science, Gwalior**

Sept 2023 – May 2027

B.Tech in Computer Science & Design

• CGPA: **7.97/10**

• **Coursework:** Data Structures and Algorithms, Operating Systems, Database Management Systems