

# MOHAMMAD EHSAN

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## Education

Meri College of Engineering and Technology

BTech in Computer Science

Aug. 2023 – Aug. 2027

Delhi, India

## Experience

Zordie AI

Full Stack Intern

April 2025 – Present

Remote

- Leading the complete redesign of the company's website, improving **user experience** and **scalability**, projected to support a **50% increase in user traffic** post-launch.
- Developing core features of the AI platform to **automate workflows**, contributing to a **30% reduction in time-to-market** for client projects.

## Projects

RushLess | *Next.js, Leaflet, Google Colab, Gemini, MongoDB, Stripe*

Jan 2025 - Present

- Revolutionized urban traffic management with an **AI-driven traffic light system** that optimizes flow, reducing congestion by **25%** and improving emergency response times.
- Engineered a Smart Parking System featuring **live space availability**, **Stripe payment integration**, and AI-based license plate recognition, cutting parking time by **40%**.
- Contributed to the development of a machine learning-based real-time accident detection system trained on over **3,200 images**, improving emergency vehicle response times.

Linkomatic | *Next.js, Hugging Face, Gemini API, AssemblyAI, Remotion, Clerk*

Oct 2024 - Present

- Pioneered an **AI platform** that converts websites or custom prompts into **fully-automated, professional-quality videos**, reducing content creation time by **80%**.
- Integrated cutting-edge AI (**Gemini** and **Hugging Face**) to automate **script generation**, **image creation**, and **voice-over synthesis**, delivering highly engaging content at scale.
- Empowered users to customize **video length**, **animation style**, and **quality**, boosting engagement and retention for both **educational** and **entertainment** sectors.

GreenMind | *Next.js, Clerk, PostgreSQL, Gemini*

Sep 2024 - Present

- Transformed **waste management** with an **AI platform** that classifies waste, tracks **collection status**, and offers **rewards**, driving eco-conscious behavior across communities.
- Integrated a **gamified reward system** to incentivize **waste reporting**, resulting in increased user participation and fostering a culture of **sustainability**.
- Built a **location-based system** to track waste pickup and validation to verify cleanups, ensuring **data integrity** and motivating residents to stay active in waste management.

## Technical Skills

Languages: C/C++, JavaScript (TypeScript)

Technologies/Frameworks: React.js, Next.js, Tailwind CSS, Node.js, Express.js, Prisma, Docker

Database: MongoDB, PostgreSQL, Firebase

Tools: GitHub, Postman, VS Code, Netlify, Vercel

## Leadership / Extracurricular

- Winner:** Innovatex Avinya'25 (NSUT) – Built **Gemini-powered** Lost & Found full-stack system
- Mentor:** HackHazard – Mentored **12,000+** participants in **AI Web Dev** tracks
- Finalist (Linkomatic):** Cube Innovators (**Top 5**, IIT Delhi) — T-Hacks (**Top 6**, ADGIPS)
- Finalist (GreenMind):** Hack Vortex (**Top 12**, JIMS) — Clash of Codes 2.0 (**Top 15**, Microsoft Office)
- Finalist (RushLess):** Smart Delhi Ideathon (**Top 30**, USAR) — Code Forge (**Top 15**, Microsoft Office)
- Solved **200+** **DSA** problems on platforms like **LeetCode** and **GFG**