


# Muhammad Mahad

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🔗 Mahadsid

 [Muhammad Mahad](#)

**Summary** Master's graduate in Computer Engineering with a strong foundation in software development and a keen interest in AI. Currently, I'm seeking exciting opportunities to kickstart my career.

- Projects**
- Learnova**
- <https://learnova-eight.vercel.app/>
- Built a modern **LMS platform** using **TypeScript** and **Next.js 15** with **Neon Postgres** and **Tigris S3** for scalable data and media storage.
  - Implemented **role-based system**: admins manage courses; users purchase, learn, and track progress.
  - Integrated **Stripe** for seamless payments and **rich-text editor** for creating dynamic course content.
  - Ensured platform security using **Arcjet** and **Data Access Layer (DAL)** for secure database interactions.
- Hearoo**
- <https://hearoo.vercel.app/>
- Engineered a **high-accuracy ResNet audio classifier** (81.25% accuracy on ESC-50) for real-time sound recognition.
  - Developed an **interactive dashboard** in **Next.js 15** to visualize audio features and classification insights.
  - Deployed **serverless GPU inference web endpoint** on Modal.com for fast, scalable predictions.
  - Built a **robust Python backend** with FastAPI, ensuring reliable data validation and optimized model performance.
- Suissavour**
- <https://suissavour-frontend.onrender.com/>
- Built a **full-stack MERN food ordering platform** with TypeScript for a modern, scalable codebase.
  - Enabled **restaurant creation & menu management** for admins.
  - Implemented **location-based search, cuisine filters, and order delivery tracking** for users.
  - Integrated **Stripe payments** and **Cloudinary** for media storage.

Education	<b>Jamia Millia Islamia</b>	<b>2023 – 2025</b>
	Computer Engineering 9.05 CGPA	M. Tech.
	<b>Birla Institute of Applied Sciences</b>	<b>2019 – 2023</b>
	Computer Science Engineering 79.20%	B. Tech.

- Skills**
- Programming Languages**
- JavaScript, TypeScript, Python, SQL, C++
- Frameworks & Tools**
- Next.js, React, Node.js, Express, Prisma, MongoDB, Tigris S3, Git