

# Muhammad Mahad

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.

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⌚ [Mahadsid](#)

kaggle [Muhammad Mahad](#)

Education	University / Course	Duration	Degree
	<b>Jamia Millia Islamia</b> Computer Engineering 9.05 CGPA	<b>2023 - 2025</b>	M. Tech.
	<b>Birla Institute of Applied Sciences</b> Computer Science Engineering 8.34 CGPA	<b>2019 - 2023</b>	B. Tech.
Projects	Description		
	<b>Learnova</b> <a href="https://learnova-eight.vercel.app/">🔗 https://learnova-eight.vercel.app/</a> <ul style="list-style-type: none"><li>Built a modern <b>LMS platform</b> using <b>TypeScript</b> and <b>Next.js 15</b> with <b>Neon Postgres</b> and <b>Tigris S3</b> for scalable data and media storage.</li><li>Implemented <b>role-based system</b>: admins manage courses; users purchase, learn, and track progress.</li><li>Integrated <b>Stripe</b> for seamless payments and <b>rich-text editor</b> for creating dynamic course content.</li><li>Ensured platform security using <b>Arcjet</b> and implemented <b>Data Access Layer (DAL)</b> for secure database interactions.</li></ul>		
	<b>Hearoo</b> <a href="https://hearoo.vercel.app/">🔗 https://hearoo.vercel.app/</a> <ul style="list-style-type: none"><li>Engineered a <b>high-accuracy ResNet audio classifier</b>, <b>81.25%</b> accuracy on <b>ESC-50 dataset</b> for real-time sound recognition.</li><li>Developed an <b>interactive dashboard</b> in <b>Next.js 15</b> to visualize audio features and classification insights.</li><li>Deployed <b>serverless GPU inference web endpoint</b> on <b>Modal</b> for fast, scalable predictions.</li><li>Built a robust <b>Python backend</b> with <b>FastAPI</b>, ensuring reliable data validation and optimized model performance.</li></ul>		
	<b>Suissavour</b> <a href="https://suissavour-frontend.onrender.com/">🔗 https://suissavour-frontend.onrender.com/</a> <ul style="list-style-type: none"><li>Built a <b>full-stack MERN food ordering platform</b> with <b>TypeScript</b> for a modern, scalable codebase.</li><li>Enabled <b>restaurant creation &amp; menu management</b> for admins.</li><li>Implemented <b>location-based search, cuisine filters, and order delivery tracking</b> for users.</li><li>Integrated <b>Stripe payments</b> and <b>Cloudinary</b> for media storage.</li></ul>		

## Skills

### Programming Languages

JavaScript, TypeScript, Python, SQL, C++

### Frameworks & Tools

Next.js, React, Node.js, Express, Prisma, MongoDB, Tigris S3, Git