

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% 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

Jamia Millia Islamia	2023 - 2025
Computer Engineering	M. Tech.
Birla Institute of Applied Sciences	2019 - 2023
Computer Science Engineering	B. Tech.

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