

Eshaan Gupta

EDUCATION

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EshaanGupta1011

B.Tech in Artificial Intelligence and Machine Learning

Guru Gobind Singh Indraprastha University, Delhi

University School of Automation and Robotics

CGPA: 8.7

Class XII & X

Mount St Mary's School, Delhi

Percentage: 94% (XII), 92% (X)

PROFESSIONAL EXPERIENCE

Full Stack Web Developer

Quamin Tech Solutions LLP, 2024–2025

- Developed and maintained web applications using the MERN stack.
- Integrated chatbot and market analyzer into the farmer dashboard.

Vocational Trainee

Sasan Power Plant Ltd. (Reliance)

- Implemented grid frequency prediction achieving 80% accuracy.
- Conducted exploratory data analysis on power generation data.

IBM SkillsBuild Intern

IBM SkillsBuild Internship Programme

- Developed a Generative AI model using the IBM GenAI platform.

Web Developer Intern

Dant Villa Dental Clinic

- Designed and developed a user-friendly website with contact features.

ACM, USAR – Frontend Web Developer

2024–Present

- Created and maintained the official ACM USAR website.

PROJECTS

Diabetic Retinopathy Detection

[Project Link](#)

- Preprocessed retinal scans (resizing, Gaussian blur, gamma correction, morphological operations) and balanced the dataset via augmentation; trained a basic CNN and Random Forest classifier, achieving 84% accuracy.

Vigyaan

[Project Link](#)

- Machine learning platform for model training and EDA.

Grid Frequency Prediction

[Project Link](#)

- Built time series models to predict grid frequency from 3 years of data.

Electricity Power Demand Prediction

[Project Link](#)

- Achieved MSE within 2% using LSTM, ESN, ARIMA, and regression models.

Facial Expression Detection

[Project Link](#)

- Decision Trees achieved 99.8% accuracy among tested ML models.

Korero

[Project Link](#)

- Indian Sign Language to text/speech conversion using OpenCV and CNNs.

DineDash

[Project Link](#)

- Online food delivery website (MERN stack) with Stripe integration.

TECHNICAL SKILLS

- Programming:** Python, JavaScript, C, Go
- Web Dev:** MERN Stack, React, Node.js, HTML/CSS
- ML:** Deep Learning, Data Analytics, Time Series, Regression
- Tools:** OpenCV, Stripe, Oracle Cloud, Git
- Other:** UI/UX Design, Cybersecurity, Cloud Computing, EDA

CERTIFICATIONS

- Cyber Security and Ethical Hacking, MSME
- Artificial Intelligence with Machine Learning, Pregrad
- Time Series Analysis, Udemy
- Full Stack Web Development, Udemy

HONOURS

- Brij Gala Goel Award for Topper in Mathematics
- 3rd Position, SRM Hackathon
- Top 9, Great Bengaluru Hackathon