

Nehal Khan

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Education

Amrita Vishwa Vidyapeetham, B.Tech. 🔗 09/2022 – 08/2026

Computer Science and Engineering with a current CGPA of 9.01.

Notre Dame of Holy Cross School, Higher Secondary 06/2020 – 06/2022

Maths Computer science group with a percentage of 86%.

Professional Experience

Cognizance, Club Lead 08/2023 – 08/2024

- Mentor in the Open Source domain and interested in the AI domain
- Coordinated successfully with a team of 16 mentors, and ensured timely deliverables.
- Organized over 5 hackathons in total.

Skills

Programming languages:

Python, Java, C, C++, Javascript, HTML 5, CSS 3.

Tools:

Github, Tkinter, Azure

Databases:

MySQL, MongoDB, Mongoose

Projects

AEyeD - Artificial Eye Decipher:, Python, TensorFlow, Raspberry Pi

- Utilized Python and TensorFlow to develop a model with a 95% accuracy in action detection.
- Worked in a 4 member team to optimize model performance and improve user experience.
- Reduced project costs by 70% by using optimal equipment and hardware.

CodeZ, Python, Flask, SQL, Azure

- Designed and implemented security protocols to enhance data protection by 20%.
- Coded and utilized efficient data storage techniques to minimize app size to 80Mb space.
- Coordinated development with 4 member team and managed project timelines.

Feelin - Sentimental analysis bot

- Developed a innovative bot with NLP techniques achieving an accuracy of 90%.
- Coded a user-friendly interface, improving user interactivity by 20%.

Awards

3rd place - PALM LLM Website building - Tantrotsav'24

Amrita Vishwa Vidyapeetham, Chennai

3rd place - Hacktivate

Amrita Vishwa Vidyapeetham, Chennai

Certificates

Azure AI fundamentals

- Explored the fundamentals of Azure AI and NLP.

Research Paper Presentation in IC2ACM

- Presented a research paper on "CODEZ: A Place to Collab" at the International Conference on Intelligent Computing and Communication.