Nadeem Shaik

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Profile

Apart from being an AI student, I have strong interest in fields of Cybersecurity, Quantum Computing and Web development. With a love for quantum computing, I am pretty much excited to revolutionize the future of computation and problem solving. Additionally, web development offers me to build decent web applications. I am a proficient coder skilled in various programming languages and technologies, and I am eager to apply my knowledge to solve complex problems.

Education

Amrita Vishwa Vidyapeetham   Kollam, Kerala
Bachelor of Engineering   *Oct 2021- Expected Mar 2025*
Major in Computer Science Specialization in Artificial Intelligence
Cumulative GPA: **7.00/10**
Relevant Coursework: ML, DL, DBMS, Computer Networks, OS, OOPS, Data Structures and Algorithms.

Narayana Junior College   Vijayawada, AP
Higher Secondary Education   *July 2019- October 2021*
Major in MPC (Maths, Physics, Chemistry)
Percentage: 97.5

Narayana Olympiad   Ongole, AP
Primary and Secondary education   *July 2019*
Cumulative GPA: 10

Technical Projects

Cosmic-Journeys: Developed a cutting edge full stack web application that uses power of modern technologies to deliver an exceptional user experience.

Technologies used : ReactJS, GSAP, ThreeJS, Express, NodeJS, PostgreSQL

The key features of this website include innovative UI/UX design and advanced animations for real time 3D rendering.

Exoplanet detection using Transit method: Used some ML algorithms like Regression, Decision Tree etc to detect and analyse exoplanets using Transit method. This project leverages astronomical techniques and data analysis to contribute to the exploration of planets outside of our solar system

Malware detection using Deep neural networks: Developed a system for detecting and classifying malware using deep neural networks. This project leverages the power of Artificial Intelligence and Machine learning to enhance cybersecurity measures and protect systems from malicious software threats.

Social Outreach Project

AI workshop: Our Community Outreach Project focused on educating school children about the basics of AI. We aimed to not only teach them coding fundamentals but also provide valuable career guidance, sparking their interest in technology and helping them understand potential career paths in the field of AI

Skills

Programming Languages: Java, C, Python, Javascript, Go
Database management systems: MySQL, MongoDB, PostGreSQL
Libraries/Frameworks: Scikit-Learn, Tensorflow, ReactJS, NodeJS, GSAP, Express,Django, Flask
Concepts: Data structures, Object-Oriented-Programming, Operating systems, Linux, Computer networks

Additional abilities:

- Able to work both independently and collaboratively within a team
- Strong analytical skills and effective problem-solving abilities
- Exceptional at managing time and meeting deadlines

Certifications:

- **Ingeni QML for Medical Imaging Course : *Ingeni*** (*Issued: Jan 2025*)
Learned Fundamentals of Quantum Machine Learning and its applications in Medical Imaging. Applied Quantum computing principles in Image Processing. Implemented Variational Quantum Circuits for medical imaging classification. Explored Hybrid Quantum Classical Models for enhanced diagnostic accuracy. This Course gave me some practical experience with Pennylane, Qiskit and Tensorflow Quantum.