Based in Hyderabad, TG, India - 500060

Irfan Khan

github.com/irfan2809 +91-8328385422 https://www.linkedin.com/in/irfan-khan28/ reach.irfan28@gmail.com

Education

TKR College of Engineering and Technology 2021 - 2025
B. Tech. Computer Science and Engineering(Artificial intelligence and Machine Learning) *GPA: 8.38/10.0*

Narayana Junior College 2019 - 2021
Intermediate Education(Math, Physics and Chemistry) *Percentage: 94*

Coursework

Courses: Object-Oriented Programming, Data Structures & Algorithms, Artificial Intelligence, Operating Systems, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

Skills

Languages: Python, JavaScript/TypeScript, HTML/CSS, C++, Java, LaTeX
Tools: Git/GitHub, VS Code, Figma, Canva
Frameworks: React.js, Next.js, Django, Node.js, Express.js
Database Systems: MySQL, MongoDB, PostgreSQL
Libraries: Pandas, NumPy, Matplotlib, TensorFlow, Keras, OpenCV, Scikit-learn

Projects

NeuroTwin | *Next.js, Tailwind CSS, API (OpenAI GPT-4)* — View / Github June. 2025

- Team project for the Maximally Startup Makeathon, earned Honorable Mention
- Developed a web application to create an AI based journal which reflects your thought patterns using CBT-Based prompts
- Learned how to use Next.js in conjunction with backend databases and APIs

Adaptive Traffic Optimization | *TypeScript, HTML/CSS, Python*, OpenCV Sep 2024 – May 2025

- Developed a full-stack AI-Driven web application that manages real-time traffic data to dynamically adjust signals
- Integrated computer vision (OpenCV) to detect and count vehicles at intersections, enabling data-driven signal prioritization.
- Demonstrated potential for smart city integration with modular, scalable architecture adaptable to multiple intersections.

Trackademia | *Python, Machine Learning, Flask, Pandas, Scikit-learn — GitHub* Jan. 2023 - Dec. 2023

- Built a web-based system to predict and track student academic performance using historical data and machine learning models.
- Designed a user-friendly interface with Flask for real-time data input, visualization, and feedback to support teachers and administrators.
- Implemented classification algorithms (e.g., Random Forest, Logistic Regression) to forecast student outcomes based on attendance, marks, and behavioral patterns

Experience

NoviTech | *Full stack developer intern* July 2025 – Present
Developing web applications using MERN

Languages

English Professional Proficiency
Hindi Native Fluency
Telugu Native Fluency