Anees Shaik

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EDUCATION

Saint Louis University August 2022 - May 2024
Master of Science in Computer Science *GPA: 3.8*
Institute of Aeronautical Engineering(Hyderabad, India)
Bachelor of Engineering *GPA 3.36*

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, HTML, CSS, JavaScript
Front-end Framework: Bootstrap
Database Management: MySQL
Framework: React, Angular
DevOps Practices: CircleCI, Docker, Git
Libraries: pandas, NumPy
Programming Development Tools: Visual Studio, PyCharm, Eclipse
Operating Systems: Microsoft Windows, Linux

PROJECTS

DDH | *HTML, CSS, React, java, MySQL* Oct 2023 – Dec 2023

- Developed a sophisticated data management system within DDH (Diabetes Diet Hub), enabling users to input and track their medical history, medications, and daily activities. This innovative system supports the creation of personalized diet plans and health goals, specifically tailored to individual needs for effective diabetes management.
- Integrated a robust community engagement platform in DDH, fostering a supportive environment for individuals with diabetes. This platform includes a user-friendly chat room and a dynamic community forum, where users can share experiences, and achievements, and motivate each other.

Bworks | *Python, HTML, CSS* June 2023 – Aug 2023

- Implemented an automated donor feedback system, delivering personalized messages expressing gratitude for their contribution to helping children. Messages included expressions like "Thank you for your support in positively impacting the lives of children" and "Your generous donation provided a bicycle to a child, enabling their successful participation in the program."
- Designed and developed a user-friendly interface to efficiently store and manage a comprehensive collection of bicycle photos. This interface streamlined the process of organizing and retrieving photos, ensuring easy accessibility and seamless management of visual records related to the donated bicycles.

Prediction of the Heart using AI | *Python* Jan 2023 – March 2023

- Developed and implemented an AI-based system utilizing advanced machine learning techniques to accurately predict heart disease likelihood, leveraging comprehensive medical records and diagnostic features dataset, showcasing proficiency in healthcare AI solution development.
- Performed feature engineering, and model optimization, and employ techniques like data preprocessing, dimensionality reduction, feature selection, hyperparameter tuning, and model evaluation to enhance the predictive accuracy and robustness of the heart disease prediction system.

IoT-based Smart Parking System Using Deep Learning Algorithms| *Python* March 2023 – May 2023

- Developed a deep learning algorithm that can predict available parking slots in the garages of a city.
- Successfully integrated real-time data analysis and deep learning algorithms to predict available parking slots in IoT-based smart parking systems, showcasing efficient handling of large volumes of sensor data from city garages.
- Developed a scalable and efficient smart parking system using Python, TensorFlow, and Keras, incorporating parallel processing techniques and optimized algorithms for real-time predictions.

EXTRA-CURRICULAR

- Participated as Galactic problem-solver in the International Space App challenge conducted by NASA.
- Participated and secured 2nd rank in the Utkraanti National Level Championship for the workshop in Spy & Android controlled robotics sponsored by the Indian Institute of Technology, Bombay.