Anees Shaik

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Education

Saint Louis University Expected Aug 2024
Master of Science in Computer Science (GPA: 3.76 / 4.00) *saint louis, MO*

Technical Skills

Languages: C++, Java, Python, HTML5, CSS3, SQL
Technologies: React.js, Angular, Express.js, TensorFlow, PyTorch, Bootstrap, ASP.NET, Node.js
Programming Tools: Visual Studio, PyCharm, Eclipse, Android Studio
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing

Experience

Infosys Jan 2022 – July 2022
Systems Engineer *Hyderabad*

- Successfully designed and implemented a scalable cloud-based solution for a medium-sized enterprise, resulting in a 30% improvement in system efficiency.
- Monitor and test application performance for potential bottlenecks, identify possible solutions, and implement those fixes.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

Projects

DDH (Diabetes-Diet-Hub) | *React.js, Angular, MySQL, Python, jira, Circle CI, Git, Docker.* 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
- Integrated a robust community engagement platform in DDH,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.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement.

Predicting the Risk of Heart Disease | *Python, Neural Networks, Decision Tree, KNN* 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.

Web application fro BWorks community service program | *Python, Flask, MSSQL* 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.