

Fazal Shaik

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SUMMARY

Enthusiastic B-Tech student in AI-ML and IoT at SRM University, eager to join a creative and innovative workplace where I can contribute my energy and technical skills. Passionate about exploring my potential while aiding the organization's growth through continuous learning and innovative problem-solving.

PROJECTS (ML & WEB)

Attendance autocapture using CNN & k-means clustering algorithm (Patent Filed)

- Designed an automated attendance system using CNN and k-means clustering to capture and manage attendance data. The system leverages ML for increased accuracy and efficient data handling.

Traffic detection and management using YOLO algorithms

- Developed a comprehensive traffic management system using YOLO algorithms combined with IoT devices. This system improves traffic flow and monitoring, achieving 91% accuracy in traffic optimization.

Deployed website "Anyhomework.co"

- Created a global file-access website with .NET and MSSQL, managing over 1.25 million events and 221,000 views in two months.

Deployed website "Hackkaro.com"

- Built a cybersecurity learning platform for beginners using .NET and MySQL, providing educational resources and interactive content.

Deployed website "thesulthan.com"

- Created a website aimed at providing social service during the COVID-19 pandemic. The platform offered support and resources for retail shops, including assistance with operational challenges and customer engagement during the crisis.

EXPERIENCE / INTERNSHIP

Data Analyst Intern at Movidu

August 2023 - December 2023

- Analyzed and processed weather data from various states to ensure accurate and timely updates in the system.
- Utilized advanced data analytics tools and techniques to improve data accuracy, enhance reporting mechanisms, and streamline data management.
- Created detailed reports and visualizations to present findings and insights, aiding in decision-making processes and operational efficiency.

EDUCATION

SRM University AP

8.47 CGPA

Bachelor of Technology in Computer Science and Engineering

Bhashyam Junior College

912/1000

High school, Guntur, Andhra Pradesh

Sri Chaitanya Techno School

9.3 GPA

Guntur, Andhra Pradesh

RESEARCH

Attendance Monitoring Using ML

- Developed a CNN-based attendance system integrated with IoT devices like Raspberry Pi and Arduino.
- Enhanced system efficiency by combining CNN with real-time data processing, achieving high accuracy in attendance tracking.

Traffic Management Using ML

- Designed and implemented a real-time traffic control system using YOLO algorithms for vehicle detection and classification.
- Integrated with real-time data sources and IoT devices to optimize traffic flow, achieving significant improvements in traffic management efficiency.

SKILLS

- **Languages:** C, C++, Data Structures, Java, Python, HTML, CSS, JavaScript
- **Frameworks:** React.js, .NET
- **Back-End:** MSSQL, MySQL, MongoDB
- **Hardware:** Jetson nano developer kit, Raspberry Pi, Arduino, LoRa devices

ACHIEVEMENTS

- Patent Filed for Attendance Monitoring System (2024)
- Gold medal for research project Traffic Management and Maintenance (April 2024)
- Gold medal for research project SyncHome-AI-Bot Empowering User Recognition, Interaction, and Task Execution using YOLO algorithms (April 2024)