SRIKANTH THANNEERU

📞 91-8247068523 ✉ thanneerusrikanth910@gmail.com in linkedin.com/in/srikanthth2k25/ ⭘ github.com/srikanththan

Education

KKR & KSR Institute of Technology & Sciences   Nov 2021– Apr 2025
Bachelor of Technology in Computer Science-AI   *Guntur , AP*

Relevant Coursework

- Cybersecurity
- Artificial intelligence
- Database Management
- Data Analysis
- SDLC
- OOP
- Prompt Engineering
- Data structures

Experience

ApiR2   MAR 2024 – AUG 2024
AI Developer Intern

- Developed and optimized a deep learning model using CNN architectures to detect train wagon damages in real-time, ensuring high accuracy in fault identification.
- Implemented AI-powered computer vision to monitor wagon doors and prevent cargo loss, enhancing railway safety and operational efficiency.
- Integrated automated fault detection with a trigger event system, enabling real-time alerts for maintenance and reducing downtime.

Excelerate   JUN 2023 – JUL 2023
Defense Hacker Intern

- Learned the use of network analysis tools like SqlMap for detecting and exploiting SQL injection vulnerabilities in web applications.
- Configured Nmap for detailed network scanning to discover open ports, running services, and detect potential vulnerabilities, enabling security assessments and identification of risks
- Utilized BurpSuite for comprehensive web application security testing, including vulnerability scanning and manual testing of web requests; performed SQL-based trade reconciliation using SQL queries to ensure data accuracy and integrity.

Projects

Data Insights   Sep 2024

- Led efforts to ensure integrity in Diwali sales data through comprehensive preliminary clean-up processes, resulting in 100 accuracy for key metrics used during strategic decision-making sessions with management teams.
- Analyzed purchasing patterns by gender, age group, and location to identify demographics with higher purchasing capabilities and preferences for specific Diwali product categories.
- Provided insights on revenue contributions from various states and age groups, highlighting key trends to inform targeted marketing strategies and optimize future sales initiatives.

Vacuum Cleaner bot   Nov 2022

- Designed and developed an autonomous vacuum cleaner, focusing on efficient motor control and obstacle detection. Optimized performance through programming and integration.
- Implemented advanced microcontroller programming to ensure smooth and reliable operation of the vacuum cleaner. Enhanced system performance and functionality through precise control and integration.

Technical Skills

Languages: Python, Java, C, SQL, Html
Developer Tools: Git , VS Code
Technologies/Frameworks: Linux, GitHub, Numpy, Pandas, Matplotlib, Seaborn

Leadership / Extracurricular

Cultural club   2022 – Present
Cultural team   *KITS*

- Collaborated with team members to plan and schedule a variety of cultural activities and events, ensuring smooth execution and high participant engagement.
- Coordinated logistics and managed resources for festivals and cultural events, contributing to the successful organization and delivery of diverse cultural programs.