RANJITH KUMAR SURINENI

| +91 9381204893 | ranjithranji1903@gmail.com | https://www.linkedin.com/in/ranjith-kumar-surineni-b73b981b6 |

EDUCATION

Methodist College of Engineering and Technology   **Hyderabad, Telangana**
B.E. Artificial Intelligence and Data science   *October 2021 – June 2024*
- **GPA:** 8.5
- **Relevant Courses:** Public Speaking, Introduction to Computer Science, Design and Analysis of Algorithms, Computer Networks, Cloud Computing, Machine Learning, Deep Learning.

PROFESSIONAL EXPERIENCE

Zetpeak   **Hyderabad, Telangana**
CYBER SECURITY - RESEARCHER   *July 2023 – October 2023*
- Key responsibilities: - Network analyses - Packet sniffing -Penetration testing - Malware Detection -Brute force -Web exploitation
- Tools - metasploitable , hydra, nmap, DNS enumeration, Armitage, Meltigo, proxy chain. wireshark

Cisco   **Hyderabad, Telangana**
Cyber Security - AICTE Virtual Internship Program   *June 2023 – September2021*
- Key responsibilities: Creating network topology and Analyzing network traffic through it. Configuring systems IP , PC's, Servers, Firewall, routing , switches, Hub, Using Wireshark , Nmap, Protocol ect

IBM   **Hyderabad, Telangana**
Artificial Intelligence - Internship   *June 2023 – July 2023*
- Key responsibilities: Artificial Intelligence - Fundamentals to Advance, Algorithms used for model comparison: Randomforest, SVM, Naive Bayes, Decision tree, Logistic regression, KNN, K-Means, neural networks.
- Building an A.I model for tracking mental health fitness tracker using Datasets and predicting from new data using past dataset.

PROJECTS & OUTSIDE EXPERIENCE

REAL TIME LANGUAGE ASSISTANT FOR SIGN TRANSLATION   *March 2024 - June 2024*
- Developing a neural network model that captures sign language gestures using a computer's webcam and system should then translate these gestures into corresponding text and speech in real time by using a Convolutional Neural Network (CNN).
- Tools used: Pandas, Numpy, Keras, Tensorflow, Matplotlib, OpenCV, Tkinter, pyttsx3, PIL, Enchant.

GUI BASED BOOK MANAGEMENT SYSTEM   *September 2023 - November 2023*
- created an application of GUI based book management system using microsoft SQL management studio, Bootstrap, tkintern, and integrating with python code with sql database data management.

Certifications

CLA: Programming Essentials in C , Provider: Cisco	22 April 2022
Workshop on Python and Artificial Intillegence, provider: AI-Shala Technologies Pvt. Ltd. ,	January 2023
PCAP: Programming Essentials in Python, Provider: Cisco	14 February 2023
Networking Essentials , Provider: Cisco	June 2023
Cybersecurity Essentials , Provider: Cisco	June 2023
Introduction to Cybersecurity , Provider: Cisco	June 2023
CCNA: Introduction to Networks , Provider: Cisco	June 2022
DevNet Associate, Provider: Cisco	August 2023
JPMorgan Chase & Co. - Cybersecurity Job Simulation,Forage	December 2023
Mastercard - Cybersecurity Job Simulation, Forage	December 2023

Walmart USA - Advanced Software Engineering Job Simulation ,Forage   December 2023

Wells Fargo - Software Engineering Job Simulation, Forage   December 2023

SKILLS & INTERESTS

Skills: Salesforce CRM, Microsoft Office, Python, AWS, Devops, Git, Github, Django, Computer Vision, Vagrant, Kubernetes, Jenkins, CI/CD, Prompt Engineering, LLM, Llama, Hugging face, Langchain, Network Traffic Analysis, DataBase Management, SQL, PostgreSql, Penetration testing, Speech Recognition, Data Visualization,

Interests: Ice Video Editing, Cooking, Cycling,

Languages: Telugu(native), Hindi, English.