SAINATH REDDY AVULA

kurnool, A.P, India | 518122 | +91 9014638022

sainathreddy18347@gmail.com | https://github.com/Sai18347 | www.linkedin.com/in/sainath-reddy-avula-948ab61bb/

SUMMARY

As a recent graduate in Computer Science and Engineering, committed to embracing a challenging role in computer engineering, leveraging a strong foundation in programming and problem-solving. Fueled by a passion for coding and quick learning, dedication to continuous growth and interest in pushing drive success. Thriving in competitive environments, contributing collaborating with dynamic teams is a key aspiration. Excitement for the opportunity to showcase skills and drive fuels eagerness to embark on a fulfilling journey in a challenging software development role.

EDUCATION

Bachelor of Technology (CSE)   2020 – 2024
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, TN
CGPA – 8.61

Intermediate (MPC)   2018 – 2020
Sri Chaitanya Junior College, Kurnool, A.P
CGPA – 8.38

Secondary Education   2017 – 2018
Vijayanikethan E.M High School, Panyam, A.P
CGPA – 9.7

WORK EXPERIENCE

TATA GROUP (Virtual Internship by Forage)

Cybersecurity Analyst Job Simulation   January 2025

Completed a virtual internship program in cybersecurity analysis, gaining hands-on experience in threat analysis, incident response, and security principles.
Key Responsibilities:

- Cybersecurity principles and best practices
- Threat analysis and incident response
- Security protocols and procedures

PROJECTS

Title: Melanoma Skin Cancer Detection Using Machine Learning
- Developed a machine learning model using CNN and SVM for melanoma detection on the HAM10000 dataset, achieving high accuracy with precision and recall metrics.
- Pre-processed images with augmentation and normalization, enabling real-time skin lesion classification as benign or malignant to enhance early detection and patient care.

Title: Snake Game Using Hand Gestures
- This Program can be used to play a Snake Game by detecting hand gestures to control movement of the snake on the screen.
- Implemented in Python using OpenCV.
- Mention the technologies and libraries used, like Python, OpenCV for image processing.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, HTML 5, CSS 3, Javascript, React
Tools: Microsoft Office, Power BI, Figma
Data Analysis: Exploratory Data Analysis, Data Cleaning and Data Visualization

CERTIFICATES

- Foundations of User Experience (UX) Design
- Networking and Security Architecture with VMware NSX
- AWS Academy Cloud Architecting
- Cybersecurity Essentials
- Cybersecurity Analyst Job Simulation

ADDITIONAL SKILLS

Soft Skills: Effective Communication, Dedication, Time Management, Hard Work and Patience
Languages: English, Telugu
Hobbies: Painting, Playing Games, Reading Books, Gym, Meditation