Venkata Ramana Panigrahi

Front End Web Developer & AI/ML Enthusiast

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Objective

Enthusiastic undergraduate in Computer Science, with a specialization in Artificial Intelligence and Machine Learning, aspiring to enhance my expertise through hands-on experience. Interested by pioneering technologies and committed in contributing to team accomplishments through diligence and commitment.

Education

Vignana Bharathi Institute of Technology   Dec 2021 **-** Present
- *Pursuing B.Tech in CSE (Artificial Intelligence and Machine Learning) CGPA of 8.59*   Hyderabad, India

Narayana Junior College   Jun 2019 - 2021
- *Accomplished Intermediate in MPC stream, secured 90%*   Hyderabad, India

Narayana High School   Jun 2013 - 2019
- *Completed my schooling in SSC, secured 10 CGPA*   Hyderabad, India

Experience

IEEE - VBIT SB | Computer Society | Secretary
- *I am working as the Secretary of Computer Society under IEEE - VBIT Student Branch, where I am entrusted with the critical responsibility of managing all aspects of documentation.*

coding.Studio( ); | SDE I
- *I worked as Software Developing Engineer under coding.Studio( ); where I worked on various web projects for our college based on React.js and Firebase.*

Projects

TaskDask
- *Developed a dynamic web application utilizing the robust capabilities of React.js and the real-time database features of Firebase. This application serves as an interactive dashboard, empowering users to seamlessly add, update, and delete tasks, thereby enhancing productivity and task management efficiency.*

Image Classifier
- *Engineered a sophisticated Convolutional Neural Network (CNN) model for the purpose of image classification, leveraging the diverse and widely-used CIFAR-10 dataset. The model demonstrated a high level of performance, achieving an impressive accuracy rate of 90%.*

IDS - Intrusion Detection System
- *Under the auspices of the coding Studio(); we developed an advanced Intrusion Detection System using the Machine Learning algorithms. This system is designed to identify and mitigate potential threats, thereby augmenting network security.*

Pratibha
- *In collaboration with my club, I contributed to the deployment of 'PRATIBHA', a full-stack web application used by my college for the submission and grading of semester-wise student projects (PRA). The application, built with React.js and Google Firebase, features a client-side architecture.*

Technical Skills and Interests

Languages: JavaScript, Python, C/C++, SQL, HTML, CSS, R

Technolgies/ Frameworks/ Libraries: Machine Learning, DNN, NLP, TensorFlow, OpenCV, React JS, NodeJS

Developer Tools: Git, Google Cloud Platform, VS Code, AWS Cloud Architecture

DataBases: Google Firebase, SQL

Relevant Coursework: Data Structures & Algorithms, Machine Learning Algorithms, Object Oriented Programming, Database Management System, Software Engineering, Artificial Intelligence, Cloud Computing

Areas of Interest Web Design and Development, Cloud, Cyber Security

Soft Skills: Problem Solving, Self-learning, Adaptability, Fast-learner, Documentation, Event Management

Certifications

Infosys: Earned certifications in Deep Learning (DL), Web Technologies (WT), C, and Python

Cisco: Acquired certification in Network Essentials, Introduction to Cybersecurity

Oracle: Recognized for my skills with a certification in Database Foundations.

Salesforce: Embrace a developer certification, demonstrating my ability to work with Salesforce platforms.

Achievements

- *Attained 78% in Unified Cyber Olympiad.*
- *Entered into Sub- Junior level in National Mathematics Talent Contest in 2015.*
- *Achieved certificate of completion in Neuro Robotics Workshop.*

Internships

- *Virtual Internship in SalesForce*
- *Cloud Virtual Internship with AWS*

References

Available upon request.