Hari Sai Babu Avvaru
Frontend Developer | Software Engineer

PROJECTS

Chat Application(Full - Stack)
- Facilitated accessible Communication in Chat Application to facilitate easy communication for users to send and receive messages in real-time.
- Technologies used: - React, Node, Express, Stream-Chat (API + Database), bcrypt (for encrypting the ural network wplain text passwords)

Portfolio
- Developed an interactive web portfolio using HTML, CSS, JavaScript, and Bootstrap, showcasing projects with animated scroll effects and smooth navigation. Optimized for responsiveness and user experience.

STUMART
- Pioneered "STUMART," an innovative application enabling VRSEC community members to buy and sell their unused goods, promoting sustainability and reducing wastage.
- Developed using Android Studio and integrated with Firebase Database for efficient data management.

Dehazing of Multispectral Remote Sensing Images using CNN with ResNet
- Implemented an advanced deep learning project to dehaze multispectral remote sensing images using Convolutional Neural Network (CNN) with Residual Network (ResNet) architecture.
- By eliminating haze, the accuracy of physical characteristic determination in images was significantly enhanced.
- Utilized Jupyter Notebook, Sas Planet Tool, and Python Programming Language for seamless execution.

SKILLS

Programming Languages	C, Core Java with J2EE, Python
Web Basics	HTML, CSS, Javascript, XML, Typescript, JQuery, Bootstrap
Technologies	Java Servlets, Java Server Pages
Database/ Storage System	Oracle 11g, MySql, Firebase, SQLite
IDEs	Eclipse IDE 2023-03, Android Studio (Flamingo), Spyder 5.4.3, Visual Studio Code 1.78, Sublime Text 4, Anaconda Navigator, Embercadero Dev C++, Python 3.11.0
Application Servers	Apache Tomcat 9.0, XAMPP
Open-source	MS Office, Project Libre, Capcut, Visual Paradigm, Adobe

Software	Photoshop, Burp Suite, Oracle VM Virtual Box, QGIS 3.30.1, Sas Planet Tool
Core Competencies	Data Structures and Algorithms, Computer Networks, Database Management Systems, Machine Learning, Android development, Artificial Intelligence, Operating Systems, Software Engineering, OOPs, Computer Networks, Cryptography and Network Security
Management Skills	Problem-Solving, Communication Skills, Business Management
Languages Known	Fluent in Telugu and English; Conversational Proficiency in Hindi

CERTIFICATIONS & TRAINING

- CCNAv7:Introduction to Networks Certification by **Cisco**
- Programming Essential in C Certification by **Cisco**
- Programming Essential in Python Certification by **Cisco**
- Introduction to Cybersecurity by **Cisco**
- Databases and SQL for Data Science with Python by **IBM Skills Network**
- Foundations of R Software by **NPTEL**
- Database Foundations by **Oracle**

EDUCATION

Velagapudi Ramakrishna Siddhartha Engineering College   2020-Present
Bachelor of Technology,ComputerScience, CGPA : 9.00

Sri Sarada Junior College   2018-2020
PCM, CGPA : 9.73

Sri Chaitanya High School   2008-2018
Secondary School Certificate, CGPA : 9.7

PERSONAL INFORMATION [⊖ Hari Avvaru]

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https://github.com/HariAvvaru
https://www.hackerrank.com/hariavvaru100?hr_r=1

ACHIEVEMENTS

- Finalist in Assitive Technology Makeathon conducted by Shaastra, IIT Madras
- I emerged as the winner of the Android Track in the Prajwalan Hackathon conducted by SRKR College in Bhimavaram.
- IEEE acceptance for paper publication on the project 'STUMART - Resource Management Application'. DOI: 10.1109/INCET57972.2023.10170079.