

Hari Sai Babu Avvaru

Android 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)

Payment Receipt

- Displaying the payment receipt of a Customer in a table format developed using Java concepts.
- Technologies used:-Java

STUMART

- An application that enables people of VRSEC to sell and buy their unused goods & reduce wastage and this enables sellers to make some money to their goods.
- Technologies used:- Android Studio, Firebase Database

Dehazing of Multispectral Remote Sensing Images using CNN with ResNet

- The project aims to dehaze multispectral remote sensing images using CNN with residual architecture, enhancing the accuracy of physical characteristics determination through deep learning techniques.
- Haze is caused due to presence of fine dust, smoke, or light vapors causing a lack of transparency of the air. This creates a problem as the image regions affected by haze suffer a lack of contrast resulting in the difficulty of interpretation.
- For efficiently determining the physical characteristics of the image a CNN model with Relu Blocks is trained with the haze and haze-free dataset of the Kondapalli region which predicts a haze-free image of an haze image.
- Technologies used:- Jupyter Notebook, Sas Planet Tool, Python Programming Language

SKILLS

Programming Languages	C, Core Java with J2EE, Python
Web Basics	HTML, CSS, Javascript, XML, Typescript, JQuery
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 Software	MS Office, Project Libre, Capcut, Visual Paradigm, Adobe 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**
- Cybersecurity essentials by **Cisco**
- Databases and SQL for Data Science with Python by **Coursera**
- Foundations of R Software by **NPTEL**
- Database Foundations by **Oracle**

EDUCATION

Velagapudi Ramakrishna Siddhartha Engineering College 2020-Present
Bachelor of Technology, Computer Science, CGPA : 8.98

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 AT Makeathon at Shaastra, IIT Madras
- I emerged as the winner of the Android Track in the Prajwalan Hackathon conducted by SRKR College in Bhimavaram.