Akkineni Charan Sai

Rajahmundry | charansaiakkineni123@gmail.com | 8247850938 | linkedin.com/in/charan-akkineni

github.com/Charanakkineni

Career Objective

Aspiring software developer with knowledge of Java, JavaScript, SQL, HTML, and CSS. Eager to apply problem-solving skills, build innovative solutions, and contribute to software development teams in a dynamic IT environment.

Education

Bachelor of Technology in Electronics and Communication Engineering	CGPA-6.41
SIR CR REDDY COLLEGE OF ENGINEERING(ELURU)	2020 - 2024
Intermediate (MPC)	CGPA-6.29
ADITYA Junior College (Rajahmundry)	2018 - 2020
School of Secondary Education	CGPA-9.7
Bhashyam High School (Rajahmundry)	2017 - 2018

Projects

Prediction of Cardio-Vascular Risk Factor based on Retinal Fundus Photography and ECG Signal Using Deep Learning.

- Developed a deep learning model to predict cardiovascular risk factors by integrating retinal fundus photography and ECG signals, achieving high accuracy in risk assessment.
- Convolutional neural networks (CNN) were used for image analysis and Recurrent Neural Networks (RNNs) for ECG signal processing, achieving high prediction accuracy.

Metro Console Based Project | Java

- Developed a console-based Metro Management System in Java utilizing Object-Oriented Programming (OOP) concepts such as inheritance, polymorphism, encapsulation, and abstraction.
- Implemented user-centric features such as ticket booking, fare calculation, and station navigation for seamless functionality.

Technical Skills

Languages: Java, HTML, CSS, JavaScript, SQL.
Developer tools: Eclipse, IntelliJ, Visual Studio.

Internship

Embedded Systems Virtual Internship | APSCHE

- Assisted in debugging and optimizing embedded firmware, performing real-time system testing, and ensuring reliable operation for embedded devices.

Cyber Security virtual Internship | 1Stop IIT Guwahati

- Assisted in identifying and mitigating security vulnerabilities through vulnerability scanning tools, penetration testing, and security audits.

Certification

- Completed NPTEL Certification in CYBER SECURITY
- Completed MERN-STACK Certification.