Sri Charan Chakravarthula

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Education

SR University, Bachelor of Technology in Computer Science   NOV 2022 – MAY 2026
- GPA: 9.2/10.0 (Transcript)
- **Coursework:** Data Structures, Design and Analysis of Algorithms, Data Base Management System, Object Oriented Programming, Computer Networks, Operating System, C, Python, Java

Sri Chaitanya Junior College, Class 12   JUN 2020 – MAY 2022
- Percentage: 96.2(Transcript)

Technical Skills

Languages: Python | C++ | Java(Basic)

Tools & Frameworks: Git | Vercel

Web Programming: HTML | CSS | Javascript | NodeJS | React

DataBases: SQL | PLSQL | MongoDB

Projects

Chatting App | HTML, CSS, JS, React, NodeJS, MongoDB   (GitHub)   MAY 2025
- **Architected** and deployed a real-time chat app with authentication and chat history, ensuring **zero message loss** [Live demo].
- **Optimized** MongoDB for scalable storage, handling **100+ simulated users** with consistent performance.
- **Orchestrated** frontend (Vercel) and backend (Render) deployment; achieved **<200ms delivery time** in testing.

Currency Converter | HTML, CSS, JS   (GitHub)   AUG 2024
- **Devised** a real-time currency converter in plain JavaScript with **99%+ accuracy API** exchange rates.
- **Refined** UI/UX to achieve **<1s conversion time**, boosting user interaction and satisfaction [Live demo].

Github Profile Search | HTML CSS JS   (GitHub)   AUG 2024
- **Engineered** an interactive GitHub profile search tool from scratch, delivered in just **4 weeks**.
- **Leveraged** real-time GitHub APIs to enable quick, accurate user profile lookups [Live demo].

Amazon clone | HTML, CSS   (GitHub)   MAR 2024
- **Simulated** a full-featured e-commerce experience with product listings, cart, and checkout functionality.
- **Mapped** user flows and mock transactions, showcasing **customer-focused design** and attention to UX [Demo].

Movie Review App | HTML, CSS, JS   (GitHub)   MAR 2024
- **Spearheaded** development of a secure movie review platform, streamlining submissions and tracking.
- **Reduced manual processing time by 40%** and enhanced user experience [Live demo].

Achievements

- **Solved 230+ LeetCode problems** in C++,C and Python ranging from easy to hard levels.   (Leetcode).

Certifications

IBM Certified: Data Structures and Algorithms Using C++.	(Verify)	OCT 2023
IBM Certified: Introduction to Web Development.	(Verify)	NOV 2023
Introduction to MongoDB	(Verify)	MAR 2024
Introduction to Operating Systems.	(Verify)	MAR 2024
AICTE Eduskills – Web Full Stack Developer Virtual Internship	(Verify)	MAR 2024