

Chakravarthula Sri Charan

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Education

- SR University**, Bachelor of Technology in Computer Science Engineering NOV 2022 – MAY 2026
- GPA: 9.22/10.0 ([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.
- Shop App | React, Redux, JS, Tailwind CSS** ([GitHub](#)) JUL 2025
- **Developed** a responsive e-commerce web app with cart features, completed within **4 weeks**.
 - **Implemented** dynamic state management using Redux for seamless product and cart updates [\[Live demo\]](#).
- Password-Generator | HTML, CSS, JS** ([GitHub](#)) JUN 2025
- **Built** an interactive password generator with adjustable length and customizable character options.
 - **Integrated** real-time strength detection and clipboard copy functionality for improved usability [\[Demo\]](#).
- 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 [\[Live demo\]](#).
- 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

- AICTE Eduskills – Web Full Stack Developer ([Verify](#)) JUN 2025
- Introduction to MongoDB ([Verify](#)) MAR 2024
- Introduction to Operating Systems. ([Verify](#)) MAR 2024
- IBM Certified: Introduction to Web Development. ([Verify](#)) NOV 2023
- IBM Certified: Data Structures and Algorithms Using C++. ([Verify](#)) OCT 2023