

VENKATA SAI CHARAN APPANA

Palakol, Andhra Pradesh

✉ venkatasacharan.a@gmail.com [in](#) [Linkedin](#) [G](#) [Github](#) [h](#) [Leetcode](#)

EDUCATION

SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE

BTech, CSE - CGPA - 9.24

Nov 2021 – Apr 2025

Bhimavaram, India

Chamber's junior College

Intermediate - MPC - Percentage - 98.8%

June 2019 – Apr 2021

Palakol, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Android Development

PROJECTS

CHAT APP WITH END-TO-END ENCRYPTION [↗](#) | [MERN stack](#), [Websockets](#)

Feb 2024

- Created a secure chat app (MERN stack) with AES encryption & WebSockets for real-time comms.
- Implemented end-to-end encryption with Diffie-Hellman for robust security.
- Ensured optimal performance and user experience through React.js interfaces
- [Live site here](#)

JOURNALPLUS [↗](#) | [MERN stack](#)

Sep 2023

- Web-based diary and calendar app where we can manage journals, events, and tasks.
- Implements User authentication and hosted on the cloud using Netlify.
- Built using MERN stack
- [Live site here](#)

QUIZZICAL [↗](#) | [Technology Stack Used](#)

Nov 2022

- API-based quiz app that will quiz you with 5 random questions.
- Quizzes are dynamically generated and random.
- [Live site here](#)

INTERNSHIP

PMKVY [↗](#)

July 2023 — Sep 2023

Software Developer Associate

Remote, In

- Learnt about the software development cycle and best practices involved in Software development.
- Collaborated with a team of 3 members to build a full-stack web application called 'JournalPlus' by following software engineering methodologies.
- Documented the steps in the cycle such as requirements gathering and system design.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, C++, SQL, R

Developer Tools: VS Code, Postman, Jupyter Notebook, Vercel

Technologies/Frameworks: Linux, ReactJS, NextJS, NodeJS, ExpressJS, GitHub, Git, MERN Stack, SocketIO, Spring, MongoDB

POSITION OF RESPONSIBILITY

Google Developer Student Club SRKREC

Aug 2023 – Jan 2024

Core Member of Web dev team

Bhimavaram

CERTIFICATIONS & ACHIEVEMENTS

- CCNAv7: Introduction to Networks.
- Google Cloud Certificate (Associate Cloud Engineer Track)
- Secured 2617 rank in GATE CS IT 2024
- Solved over 200+ problems on Leetcode.