

# VENKATA SAI CHARAN APPANA

Palakol, Andhra Pradesh

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📁 [Portfolio](#)

🌐 [Linkedin](#)

🐙 [Github](#)

🏠 [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.