

# GOVVALA VENKATA SAI RAM

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## Career Objective

To secure a challenging position in a reputable organization where I can apply my technical skills, continue to learn, and contribute to the development of innovative software solutions

## Education

### Prasad V. Potluri Siddhartha Institute of Technology

*Bachelor of Technology in Computer Science and Engineering*  
Cumulative GPA: 8.86

Vijayawada, Andhra Pradesh  
2022 - Present

### Sri Chaitanya Junior College

*12th MPC from Board of Intermediate Education*  
Percentage: 97.2

Vijayawada, Andhra Pradesh  
2020 - 2022

### Sri Chaitanya Techno School

*10th from Board of Secondary Education*  
Percentage: 96.1

Vijayawada, Andhra Pradesh  
2020

## Technical Projects

### Portfolio

**Tech Stack:** HTML, CSS, JavaScript

- Created a personal portfolio to showcase academic achievements, projects, and technical skills.
- Focused on responsive design and clean, user-friendly interface for better presentation.

### Events Page

**Tech Stack:** React (Vite), Node.js, MongoDB Atlas, Git, GitHub

- Developed the official events page for our college to manage and display all event-related information.
- Implemented features like event listing, filtering, and detailed views with backend integration.
- Used Git for version control and deployed using modern DevOps practices.

### Sentiment Analysis

**Tech Stack:** Python, Flask, HTML, CSS, JavaScript, Scikit-learn

- Built a full-stack web app to analyse Amazon product reviews using NLP and ML.
- Used Flask for backend API and sentiment prediction; designed a responsive UI to display results.
- Integrated charts for visualizing sentiment distribution (positive, negative, neutral).

### Simple Frontend using Flutter

**Tech Stack:** Flutter, Dart, Android Studio

- Developed a basic Flutter mobile applications emphasizing UI/UX and layout responsiveness.
- Gained hands-on experience with Dart and mobile development tools.

### Liver Function Analysis

**Tech Stack:** Python, Pandas, NumPy, Scikit-learn

- Designed a predictive model to assess liver health status based on real-world medical datasets.
- Focused on data cleaning, feature engineering, model training, and evaluation metrics.

### Attendance Calculator

**Tech Stack:** C, C++, File Management

- Built a command-line attendance management system to track subject-wise attendance.
- Used file handling techniques in C/C++ for data storage and real-time updates.

## Internships

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### **Palo Alto Cybersecurity:**

- Learned core cybersecurity concepts including firewalls, threat detection, incident response, and network security protocols.
- Gained hands-on experience simulating real-world tasks such as configuring security rules and analysing cyber threats.

### **Google Android Developer:**

- Built Android applications using Kotlin and Android Studio, following modern UI/UX principles.
- Learned core concepts like activity lifecycle, layout design, and connecting apps to data sources using APIs.

### **Zscaler Zero Trust Cloud Security:**

- Learned the fundamentals of Zero Trust Architecture, cloud security, and secure access principles.
- Explored real-world scenarios involving user authentication, traffic inspection, and policy enforcement in a cloud environment.

## Technical Skills

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**Languages:** C, C++, Python, Java, JavaScript, SQL, HTML, CSS

**Frameworks & Libraries:** React.js, Node.js, Express.js

**Tools & Platforms:** Git, GitHub, VS Code, Eclipse, Linux

**Databases & Cloud:** MongoDB Atlas

**Technical Expertise:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), MERN Stack Development, Data Analysis

## Coding Profiles

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**Leetcode:** [gvsrlc](#)

**HackerRank:** [gvsrhr](#)

**GeeksForGeeks:** [gvsr](#)

**Codeforces:** [gvsr](#)

**CodeChef:** [gvsr](#)

## Certifications & Achievements

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- C Programming for Beginners – Master the C Language
- Beginning C++ Programming – From Beginner to Beyond
- Mastering Data Structures & Algorithms using C & C++
- The Complete Python Bootcamp: From Zero to Hero in Python
- Programming in Java
- Google Data Analytics Professional Certificate
- The Complete Full-Stack Web Development Bootcamp
- Python Essentials
- Introduction to Cybersecurity
- CCNA: Introduction to Networks
- Privacy and Security in Online social media

## Co-curricular Activities

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- Attended ACM Winter School on Data Structures and Algorithms for Strings, with Applications to Search Engines and Computational Biology
- TCS CodeVita Season 12 – Secured Global Rank 3125
- ISTE Ideathon 2024 – 1<sup>st</sup> Prize

## Additional Information

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**Date of Birth:** 25 – 07 – 2005

**Languages Known:** English, Telugu, Hindi

**Location:** Hyderabad