

MANOJ S.V

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CAREER OBJECTIVE

A dedicated and ambitious Information Science and Engineering student with a proven aptitude for complex problem-solving, demonstrated through active participation in competitive programming. My objective is to apply a strong foundation in algorithms and data structures to develop innovative and impactful technological solutions. I am committed to leveraging technology to solve real-world challenges and contribute meaningfully to the industry through continuous learning and professional growth.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Information Science And Engineering**
CMR Institute of Technology, AECS Layout, Bangalore
8.68, 2026 [Pursuing]
- **12th standard – Science**
St Mary's PU College,Chikkmagalur
96.5%, 2021
- **10th standard**
Pioneer Public School, Sakleshpur
95.36%, 2019

TECHNICAL SKILLS

Programming Languages: Java, Python.

Software: VS Code,Microsoft Power BI, IntelliJ Idea.

Operating System: Ubuntu, Windows,Parrot.

Web Technology: HTML, CSS, JavaScript,React.js,Node.js,Express.js,FastAPI.

Database: MySQL , MongoDB.

Web Hosting: Render.

Version Control: Git, GitHub.

PROJECTS

- **Title: WhisperNet – Anonymous Chatting Tool**
Description: Developed a real-time anonymous chat application using WebSockets and Node.js, enabling instant peer-to-peer communication without storing any messages on the server. Designed with a privacy-first architecture, the system ensures that conversations exist only during active sessions, leaving no trace once a user disconnects. Implemented Express.js for managing connections and routing, while optimizing the application for low latency and smooth message delivery even under concurrent user loads. The solution was deployed for high availability, ensuring uninterrupted communication and a secure, ephemeral chatting experience.
Tech Stack: HTML,CSS,Javascript,Node.js, WebSockets, Express.js.
- **Title: Voice-Based Email System for the Visually Impaired**
Description: Designed and developed a fully voice-operated email system to improve digital accessibility for visually impaired users. The system integrates speech-to-text functionality for composing messages and text-to-speech capabilities for reading emails aloud, allowing users to operate entirely through voice commands. Built using Python, it leverages SpeechRecognition for accurate audio transcription, gTTS with Pyglet for natural voice playback, and smtplib with imaplib for sending and retrieving emails. BeautifulSoup is used to parse and format email content for better readability. Focused on a simplified, non-visual interface, the project promotes user independence by eliminating the need for visual interaction and providing a smooth, accessible communication experience.
Tech Stack: Python, SpeechRecognition, gTTS, pyglet, smtplib, imaplib, BeautifulSoup.

- **Title: Real-Time Multimodal Emotion Recognition Platform**

Description: Developed a real-time emotion recognition platform that simultaneously analyzes facial, vocal, and textual inputs using advanced deep learning techniques. Implemented CNN-LSTM models for text-based sentiment analysis, Time Distributed CNNs for audio emotion detection, and the Xception architecture for facial emotion recognition from video. Integrated all three modalities into a unified Flask-based web application, enabling live emotion tracking and interactive visualization. The project focuses on affective computing, aiming to enhance human-computer interaction through more context-aware and emotionally intelligent responses.

Tech Stack: Python, Flask, OpenCV, Keras, TensorFlow, Librosa, NLTK, Word2Vec, Xception, LSTM, CNN

INTERNSHIPS

- **Company Name:** ParkQwik (Startup)

Duration: 3 Months

Designation: Web Dev Intern.

Responsibilities:

- Developed and maintained web application features using React.js, ensuring user-friendly designs.
 - Collaborated with UI/UX designers and backend developers to implement seamless API integrations.
 - Participated in code reviews and debugging to enhance performance, maintainability, and scalability.
 - Assisted in testing and deployment of updates to ensure reliability and cross-browser compatibility.
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CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Hackathons:**

- Competed in **AptiCode**, a coding-focused hackathon 2025
- Participated in **Nokia Student Hackathon**, 2025
- Engaged in **HACKSPARK 2025** at SVCE
- Presented assistive tech solution at **Hackathon on Assistive Technology, AIISH-HAT**, 2025
- Demonstrated **Voice-Based Email for Visually Impaired** at **Techno Meet 2025**
- Participated in **Competitive Programming Hackathon** Winter 2024 and Winter 2023

- **Technical Clubs:** Active Technical Team Member of **HackerEarth** since January 2025

- **Technical Clubs Activities:**

- Organized and conducted multiple events – **Innovators Protocol**, **Creative Coders' Arena**
- Participated in **Get, Set, Code 2022** conducted by HackerEarth

- **Sports:**

- Active Cricket | Chess | Bowling | Snooker | Badminton player

- **Additional Responsibilities:**

- Currently serving as the **Student Placement Coordinator**.
 - Currently serving as the **Campus Ambassador**.
 - Coordinated in **Mock Drive 2025**.
 - Served as **Class Representative** in the 3rd, 4th, 5th, 6th semester.
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ACHIEVEMENTS

- Secured **1st** place in **Interdepartmental Project Exhibition**.
 - Secured **1st** place on **Data Visualization Hackathon** conducted by **CMRIT (Cash Prize ₹2500)**.
 - Participated in **Incub8** - Business Pitch Event at **NITK Surathkal** secured grant recognition, **2025**.
 - Team Placed in **top 4%** in **TechXcelerate 2025 Hackathon (1200+ teams)** conducted by **BITS HYDERABAD**.
 - Received the **Rajya Puraskar Award** under the Bharath Scout and Guides.
 - Won **Consolation Prize** in **Competitive Programming Hackathon**, Summer 2025.
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PERSONAL DETAILS

Date of Birth : 11th May, 2003.

Gender : Male.

Nationality : Indian.

Permanent Address : 7 hills Sai Coliving PG, Ryan School Road, Brookfield, Kundalahalli, Bengaluru-560037.

Linguistic Competency : Kannada, English, Tulu, Hindi, Tamil.

Hobbies : Open-Source Contributor, Competitive Chess Player, Blogging, Video Editing.