

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,Chikmagalur

96.5%, 2021

- 10th standard**

Pioneer Public School, Sakleshpur

95.36%, 2019

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, Javascript,Dart

Frameworks and Libraries: Flask, Flutter, Bootstrap, Swing, Servlets

Software: Visual Studio Code,Microsoft Power BI, Jupyter Notebook, Figma, Microsoft Office Suite, Google Workspace, Android Studio Code, Eclipse, IntelliJ Idea

Operating System: Kali-Linux, Windows,Parrot.

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

Database: MySQL , MongoDB, PostgreSQL

Cloud Services: AWS (EC2, ECR, S3, RDS),Microsoft Azure

Web Hosting: cPanel, DirectAdmin Web Access,Render.

Version Control: Git, GitHub.

DevOps Tools: Docker,Jenkins,CI/CD basics

PROJECTS

- Title: WhisperNet – Anonymous Chatting Tool**

Description: Developed a real-time anonymous chatting application using WebSockets and Node.js, enabling seamless peer-to-peer communication. Integrated with Web3Forms to ensure secure, anonymous message submissions. Utilized MongoDB for efficient user session management and backend storage. Deployed and maintained the system to ensure high availability and performance. The project emphasizes privacy-focused interaction and secure message handling.

Tech Stack: Node.js, WebSockets, Web3Forms, MongoDB, Express.js

- Title: Voice-Based Email System for the Visually Impaired**

Description: Designed and developed a voice-controlled email system aimed at improving digital accessibility for visually impaired users. Integrated speech-to-text and text-to-speech functionalities using Python and Flask to enable hands-free email communication. Focused on a simplified user interface and full voice command support for reading, composing, and sending emails. The system promotes inclusivity by minimizing visual dependency and enhancing user autonomy.

Tech Stack: Python, Flask, SpeechRecognition, gTTS, pyglet, smtplib, imaplib, BeautifulSoup

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

Description: Developed a real-time multimodal emotion recognition platform that analyzes facial, vocal, and textual inputs using deep learning techniques. Designed and trained CNN-LSTM models for text, Time Distributed CNNs for audio, and Xception for video emotion detection. Integrated all modalities into a unified Flask-based web application for live emotion tracking. The project focuses on affective computing and enhancing human-computer interaction.

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

INTERNSHIPS

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

Duration: 3 Months

Designation: Flutter Intern

Responsibilities:

- Developed and maintained mobile application features using Flutter for Android and iOS platforms.
 - Collaborated with the design and backend teams to implement user-friendly interfaces and seamless API integration.
 - Participated in code reviews and debugging to improve app performance and user experience.
 - Assisted in testing and deployment of app updates to ensure reliability and functionality.
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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.