

**Name : SHIVARAJ MANIKASHETTI**

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## CAREER OBJECTIVE:

Motivated Computer Science & Engineering undergraduate with hands-on experience in full-stack development, AI applications, and generative AI tools. Passionate about building impactful and user-centric software solutions. Seeking opportunities to learn, grow, and contribute meaningfully to real-world technology challenges.

## TECHNICAL SKILLS:

### Programming Languages:

Python, Java, C, JavaScript, HTML, CSS, Solidity, SQL

### Web & Software Development:

React.js, Node.js, Django, Django REST Framework, FastAPI, Streamlit

### AI/ML & Data Science:

TensorFlow, TensorFlow Lite, scikit-learn, NumPy, Pandas, spaCy, YOLOv8

### DevOps & Tools:

Git, GitHub, VS Code, Postman, NPM,

### APIs & Integration:

Google Gemini API, Google Text-to-Speech API, LangChain, CrewAI

### Soft Skills:

Problem Solving, Team Collaboration, Critical Thinking, Communication, Adaptability, Time Management

## PROJECT / S details :

### 1. [Resume Genie](#)– AI Interview Prep Tool

Team: Shivaraj M, Prarthana Patil, Naiypunya | Guide: Suman Manjumder

- Developed a full-stack AI application that generates personalized interview questions using resumes and job descriptions.
- Utilized Gemini API, CrewAI, and spaCy for multi-agent NLP processing and classification.

### 2. Obstacle Avoidance System

Team: Shivaraj M, Nayana CV, Samran B, Aditya Kushal

- Built a YOLOv8 Nano-based object detection system with real-time text-to-speech alerts for the visually impaired.
- Deployed on Raspberry Pi with Python integration for edge computing.

### 3. [The Sustainability Project](#)

- Created a responsive web app for users to track and manage sustainability goals.
- Implemented with Django REST Framework and React.js for full-stack functionality.

#### 4. [Ai-Medical Assistant](#)

- Designed an AI-powered tool to analyze medical images using Gemini API.
- Delivered diagnostic insights via an interactive Streamlit interface.

#### 5. Activity Classification on ESP32

- Trained and deployed a TensorFlow Lite model on ESP32 to classify physical activities using sensor data.
- Focused on real-time inference and efficient edge deployment.

### EXPERIENCE:

#### [Consolimate - Berkeley, CA](#)

##### Full-Stack Developer (June–August 2024)

- Developed responsive React website with smooth UI/UX and seamless navigation.
- Integrated geocoding and backend APIs to map locations and track user spending effectively.

### EDUCATION QUALIFICATION:

#### Bachelor of Technology – Computer Science & Engineering- mention specialization (Pursuing)

R V University, Bengaluru (RVU)

CGPA: 9

Passing out year: 2026

#### 12<sup>th</sup> Standard / PUC

PUC college name: Alvas PU Science College

Specialization: Computer Science (PCMB)

Percentage: 93% (2022)

#### 10<sup>th</sup> Grade / SSLC

KLE's CBSE School Athani

Percentage: 85% (2020)

### Achievements:

- Student Project Showcase Proposal – 1st Runner-Up at IEEE CCEM
- Winner, IEEE RV University Logo Design Competition
- NPTEL Big Data Computing – 85% (among top 2%)

### CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES:

#### Co- Curricular Activities

1. Seminars and Workshops: Participated in AI and Web Development workshops.
2. Online Courses & Certifications: Completed multiple MOOCs on AI, Big Data, Cloud Computing.

### PERSONAL DETAILS:

Date of Birth : 13/11/2004

Gender : Male

Permanent Address : c/o Siddaram G Manikashetti,  
Kakamari, Tq- Athani, Dist- Belagavi  
Karnataka 591265

Languages known : Kannada, English, Hindi