

VENKATA SRI RAGHAVENDRA GUNTURI

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SUMMARY

Aspiring Computer Science Engineer with hands-on experience in full-stack web development and automation. Dedicated to leveraging technology to solve real-world challenges using skills in Python, JavaScript, and modern web frameworks. Actively engaged in technical communities to build innovative projects and mentor peers.

EDUCATION

B.Tech in Computer Science and Engineering | ACE Engineering College, Hyderabad
Expected Graduation: 2025

TECHNICAL SKILLS

- **Languages:** Python , JavaScript , C , HTML/CSS
- **Frameworks & Libraries:** Django , Bootstrap , Tailwind CSS, MediaPipe, OpenCV
- **Developer Tools:** Git , GitHub , VS Code , Firebase, Judge0 API

PROJECTS

Online Code Judge Platform (Codeloop)

- Developed a full-stack online code judge platform using Django where users can solve problems and submit code for real-time evaluation.
- Integrated the Judge0 API for secure code execution and engineered a user-centric system with authentication, personalized dashboards, and a responsive Bootstrap 5 UI.

Hand Gesture-Controlled Virtual Mouse (HandMouse)

- Built a Python application to control the computer's cursor via hand gestures, using OpenCV for video capture and MediaPipe for real-time hand tracking.
- Implemented a full suite of mouse functionalities, including left/right-click, scroll, and drag-and-drop, using pyautogui.

Dog Adoption Web Platform (dog_adoption)

- Created a full-stack web platform with Django to facilitate dog adoptions.
- Engineered a recommendation system to match users with dogs based on selected behavioral traits and enabled users to list or adopt pets.

AI Desktop Assistant (jarvis_desktop_assistant)

- Developed a personal AI assistant for PC using Python to streamline daily tasks by performing calculations and executing internet searches through voice commands.

IoT Smart Home System (JARVIS_Smart_Home)

- Engineered a home automation system using an ESP32 microcontroller and relay modules, enabling remote control of room appliances via phone and PC.

ACHIEVEMENTS & CERTIFICATIONS

- **Second Place, Code art Competition** | Daksha 3.0, Anurag University (Feb 2024)
- **Prompt Engineering for Everyone** | IBM Skills Network & Cognitive Class (Issued July 2025)
- **Course in Machine Learning** | Teachnook in collaboration with Cognizance'24, IIT Roorkee (Completed April 2024)
- **Course Completion in AR Glasses** | Infosys Springboard (Issued July 2024)
- **Additional Training:** "Wings of Innovation" Drone Workshop (March 2024); Python Course Completion from Vagdevi Technologies (June 2023).

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Technical Member | Mc Arthi Technical Club

- Contributed to organizing technical workshops, coding competitions, and tech fests for the student community.
- Mentored junior students in Python and project development.
- Active participant in coding contests and ideathons, including Flipkart GRID 6.0 and Ideathon 2025.

LANGUAGES

English , Hindi , Telugu