

# MAJJI PAVAN

## Programming & Web Development Enthusiast



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### SKILLS

**Programming:** C, Python  
**Databases:** MySQL  
**Web Technologies:** HTML, CSS, JavaScript  
**Tools/IDE:** Eclipse, Jupyter Notebook, Google Colab, Visual Studio Code

### CERTIFICATES

- C Programming
- Python Foundation Certification
- TechA Responsive Web Designing Foundation Certification
- Artificial Intelligence Foundation Certification

### INTERESTS

- **Technical:** Exploring emerging technologies and applying knowledge in projects
- **Creative Skills:** Video Editing, Photo Editing
- **Sports:** Badminton, Table Tennis, Cricket, Kabaddi

### LANGUAGES

Telugu	● ● ● ● ●
English	● ● ● ● ●
Hindi	● ● ● ● ●

### ACHIEVEMENTS

- Secured **Second position**, 700m Running Competition – Rotary Club (2017)

### OBJECTIVE

B.Tech Computer Science and Engineering student with skills in C, Python, and Web Development (HTML, CSS, JavaScript). Seeking opportunities to apply knowledge in projects and gain practical experience

### EDUCATION

**B.Tech (CSE)**, *Dhanekula Institute of Engineering & Technology*  
2023 – present | Vijayawada, India  
Current CGPA: 8.90

**Intermediate (MPC)**, *Sri Chaitanya Junior College*  
2021 – 2023 | Vuyyuru, India  
Percentage: 92.7%

**SSC**, *Vijaya Sai English Medium School*  
2011 – 2021 | Vuyyuru, India  
percentage: 99%

### PROJECTS

#### Home Automation System Using Alexa

- Built a voice-controlled system to switch lights on/off using Alexa and Sinric Pro.
- Integrated Arduino for device control and seamless real-time response.
- Implemented seamless communication between Alexa and Arduino to enable real-time voice commands.

**Tech Stack:** Alexa, Sinric Pro, Arduino, C/C++

#### AquAlarm – Smart Water-Spraying Alarm Clock

- Developed an Arduino-based alarm clock that wakes users with sound and a timed water spray.
- Integrated RTC, LCD, relay, buzzer, and water pump for full functionality.
- Programmed alarm logic in C with push-button controls.

• Collaborated in a 4-member team to design and test the prototype.  
**Tech Stack:** Arduino, C, DS3231 RTC, LCD, Relay, Buzzer, Water Pump

### VOLUNTEER EXPERIENCE

- **NSS Volunteer** – Participated in community service and awareness campaigns. Working collaboratively with peers.
- **Bug-Free Battle Volunteer (Dhanush 2K25)** – Helped organize the event and coordinated participants for smooth execution.
- **Amaravathi Quantum Valley Hackathon (Semi-Finals), Coordinator/Volunteer** – Assisted in scheduling and participant management, supporting the organizing team.