

PRAGATHI . K

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CAREER OBJECTIVE

Motivated Engineering student skilled in Python, SQL, HTML/CSS, AI/ML, and IoT. Developed projects bridging technology with real-world applications, including Rockfall Prediction System, K-Robot, Smart Water Management System, and Farmer-to-Consumer Platform. Strong problem-solving skills, quick learner, and actively engaged in hackathons and research.

EDUCATION

B.Tech in Computer Science & Engineering, Sri Venkateshwaraa College of Engineering and Technology
2nd Year (Expected Graduation: 2028)

PROJECTS

- **Rockfall Prediction System (AI/ML):** Predicts slope failures in mining areas using sensor data, enhancing worker safety.
- **K-Robot (2nd Prize – Research Day):** Detects fires and gas leaks, sends SMS alerts; IoT-based automation.
- **Smart Water Management System:** Collects excess rainwater via remote-controlled drainage for reuse.
- **Farmer-to-Consumer Platform:** Connects farmers directly with consumers for crop sales.

TECHNICAL SKILLS

- Programming: Python, SQL, HTML, CSS
- IoT & Embedded Systems: Sensor-based automation, remote-controlled systems
- Data & AI/ML: Machine Learning basics, data analysis using Python
- Other Skills: Problem-solving, research, teamwork

ACHIEVEMENTS & CERTIFICATIONS

- 2nd Prize – Research Day (K-Robot Project)
- “Theeruvathon” Hackathon – gamified platform for Gen Z users
- Multiple podcasts and workshops attended for skill development
- Mini Endeavour project completed

EXTRACURRICULARS & INTERESTS

- Leading events and coordinating projects.
- Exploring new skills, technologies, and cultures.
- Passionate about AI, personal growth, and creative projects .