

KAVANA H P

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Career Objective

Motivated Computer Science Engineering student with hands-on experience in Python, OpenCV, and web development. Passionate about problem-solving, learning new technologies, and building real-world projects. Seeking opportunities to apply and expand my skills through internships or collaborative projects.

EDUCATION

Shridevi Institute of Engineering and Technology, Tumkur

Bachelor of Engineering – COMPUTER SCIENCE

CGPA: 7.7

2023 - 2027

Tumkur, Karnataka

PROJECTS

Fire Detection and Alarm System

- Developed a real-time fire detection system using Python, OpenCV, and webcam video feed.
- Implemented image-processing techniques to detect fire patterns and reduce false alerts. Added alarm sound, snapshot saving, and video clip recording during fire detection events.
- Tested the system in different lighting conditions to improve accuracy.

TECHNICAL SKILLS

Programming Languages: C, Python, HTML, CSS, JavaScript

Tools & Platforms: VS Code, Google Colab, Jupyter Notebook, Git and GitHub

Areas of Interest: Web Development, Full Stack Development, Problem Solving.

CERTIFICATIONS

Basics of Python -Infosys Springboard Introduction to

Python - Infosys Springboard

EXTRACURRICULAR

Active in technology-based community service and helping others.

Languages Known

Kannada - Native

English - Proficient

Telugu - Beginner