



# SUSHMITHA Y

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<https://github.com/SUSHMITHA0502-create>

## Skills

- Web Development Projects
- Strong Academic Records
- Problem-solving
- Verbal Communication
- TeamWork and Collaboration
- Python
- SQL
- Project Management Skills

## Technical Skills

Programming - C | C++ | Java |Python

Web Technologies - HTML | CSS | JavaScript

Backend Development - Django | Node.js | Express.js

Version Control - Git | GitHub

Database Management - MySQL | PostgreSQL

Development Tools - VS Code | Postman

## Languages

- Kannada
- English
- Telugu

## Academic Projects

### Academic Project 1: Smart Surveillance System (YOLOV5)

**Objective:** Developed an AI-powered surveillance system using YOLOv5 to detect threats

**Skills:** Implemented deep learning with CNN, OpenCV for image processing, Flask for backend development, and Twilio API for WhatsApp notifications.

**Outcome:** Enhanced security by automating threat detection, alarms, and instant notifications.

### Academic Project 2: Traffic Sign Detection (Image Processing)

**Objective:** Built a system using CNN to detect traffic signs from images.

**Skills:** Applied Image processing and machine learning techniques.

**Outcome:** Successfully demonstrated accurate traffic sign recognition

### Academic Project 3: Disaster Awareness System (Django)

**Objective:** Created a website for disaster preparedness and event management.

**Skills:** Integrated web development with data management.

**Outcome:** Emphasizing its utility in disaster awareness

## Certifications

Career Essentials in Generative AI

Microsoft and LinkedIn, 2024

Full Stack Development

Innovaskill Technologies pvt lmt, 2023

The Complete 2024 Web Development Bootcamp

Udemy, 2024

## Education

Bachelor of Engineering

Ghousia College of Engineering  
CGPA - 9.0

MAY-2025

Pre-University (PUC)

Daksha PU College  
Grade - 97 %

July - 2021