

Deepika

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Career Objective

Motivated final-year Computer Science Engineering student with strong foundations in frontend development and machine learning concepts. Passionate about building responsive web applications and analyzing data-driven systems. Currently expanding knowledge in backend development to grow into a full-stack developer.

Education

B.E. Computer Science Engineering

College Name: (sri krishna college of engineering)

Expected Graduation: 2026

Internship Experience

Research Intern – Synthetic Network Analysis

- Collaborated in a 4-member team to analyze synthetic network datasets.
- Applied Machine Learning techniques including K-Nearest Neighbors (KNN) and K-Means clustering.
- Performed data preprocessing, model implementation, and evaluation.
- Contributed to extracting structural insights using network analysis methods.

Technologies Used: Python, NumPy, Pandas, Scikit-learn

OCR Intern – E16 AI Pvt. Ltd.

- Developed and implemented Optical Character Recognition (OCR) solutions for extracting text from scanned and image-based documents.
- Applied image preprocessing techniques such as noise reduction and normalization to improve recognition accuracy.
- Utilized Python and computer vision tools to enhance text extraction performance.
- Collaborated with team members to test, evaluate, and optimize OCR model outputs.
- Contributed to improving automated document processing workflows.

Projects

Calculator Application

- Built a responsive calculator using HTML, CSS, and JavaScript.
- Implemented dynamic arithmetic operations with clean UI design.

Personal Portfolio Website

- Designed and developed a modern responsive portfolio website.
- Showcases skills, certifications, internship, and projects.

Contact Form

- Developed structured contact form with basic input validation.
- Designed user-friendly and responsive layout.

Technical Skills

Languages: Python, HTML, CSS, JavaScript

Database: MySQL