

# SUCHITRA NAIK

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## OBJECTIVES

Seeking a position that allows me to further develop my professional skills while making a meaningful impact within a supportive team environment.

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## SKILLS AND STRENGTHS

- **Programming Languages:** Python, C++, C, HTML, CSS, JavaScript, SQL
  - **Database:** MySQL
  - **Frameworks:** Django, Flask
  - **Tools/Platform:** VS Code, Jupyter Notebook, GitHub
  - **Languages:** Kannada, English
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## PROJECTS

- **Plant Disease Detection** - Plant disease detection is a web-based solution developed using Django that employs a Convolutional Neural Network (CNN) for detecting plant diseases. This tool enables real-time, accurate classification of plant diseases through an intuitive user interface. It is designed to assist farmers and agronomists in mitigating crop losses and enhancing yields.
  - **Women Self-help Group Management System** - The Women's Self-Help Group Management System is a web-based solution built using the Flask framework to efficiently manage self-help groups (SHGs) formed by women for socio-economic empowerment. The project provides a streamlined solution to address key aspects of group administration and financial management.
  - **Text Image-to-Speech Converter**- Designed a web based solution to assist visually impaired individuals by converting text from images into speech. The project integrates Optical Character Recognition (OCR) with Tesseract, language translation using translator, and audio generation via Google Text-to-Speech (gTTS) to make textual content accessible in multiple languages.
  - **FetalGuard ML** - Developed a machine learning model to classify fetal health into three categories (Normal, Suspect, and Pathological) using various algorithms. Achieved high accuracy and recall, demonstrating strong analytical and technical skills. Conducted data preprocessing, exploratory analysis, and model evaluation.
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## CERTIFICATIONS

- Python foundation certification by Infosys Springboard
  - Introduction to Front End Development by Simplilearn
  - Data Analysis with python by FreeCodecamp
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## EDUCATION

- **Bachelor of Engineering in Computer Science and Engineering**  
RNS Institute of Technology, Bangalore | 2021 – Ongoing (2025)  
Current CGPA: 9.17
- **Pre-University Course (PUC)**  
Siddhartha PU College, Bhatkal | 2019 – 2021  
Percentage: 97.66 %