

# SUGANYA S

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## EDUCATION

### KIT-Kalaignarkarunanidhi Institute of Technology Coimbatore - Tamilnadu, India

B.E. Computer Science and Engineering , Pre-Final year

2023 - 2027

Current CGPA: 8.33/10.0

**Coursework:** Computer Architecture, Computer Networks, Operating Systems, Database Management Systems

## EXPERIENCE

### Frontend Development Intern - LearnLogicify Technologies

- Learned and applied frontend technologies including HTML, CSS, and JavaScript.
- Developed responsive and user-friendly web pages as part of project tasks.
- Improved understanding of UI design principles, debugging, and web development workflows

## PROJECTS

### Document Authenticity Detection System | Python, Flask, OpenCV, PyTesseract

[Link](#) | Sep 2025

- Built a Flask-based backend that processes uploaded document images and performs Optical Character Recognition (OCR) using PyTesseract to extract key text features.
- Implemented an authenticity-verification logic that analyzes extracted textual patterns, font consistency, alignment, and specific keyword variations to classify documents as Authentic or Non-Authentic.
- Designed a simple, responsive HTML/CSS frontend allowing users to upload a document image and instantly view results along with the processed image preview.
- Integrated image preprocessing steps, grayscale conversion, noise removal, thresholding and text isolation to improve OCR accuracy during classification.
- Ensured seamless user interaction by displaying classification results, extracted text, and confidence score on a clean "Result Page."

### WishMe | HTML, CSS, JavaScript, React.js, Node.js

[Link](#) | Dec 2024

- Created a web platform to search personalized birthday and anniversary wishes based on user-selected preferences
- Implemented category and filter options for delivering relevant and meaningful quotes.
- Designed a clean, responsive UI for easy browsing, copying, and sharing of wishes.
- Built a scalable backend to handle dynamic search functionality and future enhancements.

## TECHNICAL SKILLS

C	JavaScript	DSA
C++	React.js	Github
Python	SQL	HTML
CSS	Bootstrap	

## CERTIFICATIONS & COURSES

Coursera – Get Started with Python	<a href="#">Link</a>   2024
Infosys – Front End Developer	<a href="#">Link</a>   2024
NPTEL – Python for Data Science	<a href="#">Link</a>   2024
NPTEL – Computer Architecture	<a href="#">Link</a>   2024

## COMPETITIVE PROGRAMMING

**Leetcode** : Max rating - **1430** | Solved problems: **100** | Top **71.28%** globally | Badges : **1**

**Codeforces** : Max rating - **642** | Position: **newbie**

**Codechef** : Max rating - **1234** | Position : **1** Star | Problems : **563**

## ACHIEVEMENTS

- Secured **1st place** in the Ideathon conducted at college for innovative problem-solving.
- **Ranked among the Top 60** participants in the CodeSmash competitive coding contest.
- Earned **two Elite NPTEL certificates** for outstanding performance in technical courses.
- Shortlisted among 400+ teams in a 36-hour internal hackathon conducted by the college, demonstrating strong problem-solving skills and teamwork under time constraints.

## VOLUNTEERING

- Organized "Connection Event" during the college symposium, managing coordination and participant engagement.
- Member of the **Innovator Club**, participated in college workshops and events.