

# MALA

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## FULL-STACK DEVELOPER

Innovative and detail-oriented software engineer with expertise in full-stack development, passionate about creating efficient, scalable, and user-friendly applications. Proficient in modern web technologies and frameworks, with hands-on experience in developing impactful projects.

### PROGRAMMING LANGUAGES

Python  
JavaScript  
HTML  
CSS

### FRAMEWORKS & LIBRARIES

React.js  
Flask  
Tailwind CSS  
Bootstrap

### TOOLS & PLATFORMS

SQLite3  
MySQL  
Firebase  
GitHub

## PROFESSIONAL EXPERIENCE

### Python Programming and Web Development Intern-codsoft

April 2024 - June 2024

- Built and tested web applications using Python and React.js
- Collaborated on frontend and backend integration to optimize performance
- Participated in debugging and troubleshooting, ensuring high-quality deliverables

## CERTIFICATIONS & PARTICIPATIONS

### Certifications

- Python Programming and Web Development - CodSoft Internship

### Events

- Presented project ideas in the SIC Contest at Sri Ramakrishna Engineering College
- Presented a paper on "Detection of Animal and Forest Fire" at Coimbatore Institute of Technology Presented at ICCNT, IIT Kharagpur

## PROJECTS

### SmartConvo (React.js)

- Built a Gemini chat application clone with React.js and Vite, integrating the Gemini API and backend features for seamless communication.

### Contact Book Application (Python)

- Developed a Python-based contact book leveraging SQLite3 for efficient data storage and management.

### Credit Card Fraud Detection (Data Science)

- Enhanced detection accuracy to 98% through advanced algorithms and robust data analysis.

### Detection of Animal and Forest Fire (IoT)

- Implemented an IoT solution for real-time monitoring of forest fires and wildlife movements.

### Library Management System (React.js)

- Designed a responsive system with user authentication, real-time book cataloging, and CRUD operations using React.js and Firebase.

## LEADERSHIP & RESPONSIBILITIES

- Member, Tamil Mandram: Organized cultural and technical events.
- Event Organizer: Coordinated Web Designing and Meme Time competitions during college symposiums.

## EDUCATION

SRI RAMAKRISHNA COLLEGE OF ENGINEERING, COIMBATORE—CSE (COMPUTER SCIENCE) 2017-2021 |  
CGPA:7.77/10