

# RANI M



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## Education

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### Sri Ramakrishna Engineering College

Master of Technology, Computer Science & Engineering (5 Years Integrated) | CGPA: 7.19/10

September 2022 - March 2027

Coimbatore, India

HSC from Bharathiyan Matric Higher Secondary School, Elumalai- 625 (State Board). Percentage obtained: 81.6% (2022).

SSLC from Bharathiyan Matric Higher Secondary School, Elumalai- 625 (State board). Percentage obtained: 93.3% (2020).

## Experience

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### Angular Frontend Developer Intern @ [SIEGER SPINTECH EQUIPMENTS PVT. LTD.](#)

6month internship

Jun 2025 to Dec 2025

Coimbatore, India

- Designed Angular-based dashboards for industrial applications
- Built reusable UI components using Angular Material and Bootstrap
- Developed drag-and-drop interfaces for no-code dashboard builders
- Collaborated with the team to improve UI performance and usability

## Projects

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### PASSWORD SECURITY CHECKER AND GENERATOR USING ANGULAR

(Source Code & Models)

*Team Project*

- A strong password helps protect users from identity theft by preventing unauthorized access. Secure applications store hashed passwords, making direct decryption impossible. Hackers use dictionary attacks or brute-force methods to guess passwords.

### CREDIT CARD FRAUD DETECTION USING DEEP LEARNING |

*Team Project*

- To develop and implement adaptive models capable of detecting evolving fraud patterns and emerging anomalies in financial transactions. To optimize the equilibrium between precision and recall in fraud detection algorithms to minimize false positives while maximizing the identification of genuine fraudulent activities.

### DIGITAL PLATFORM FOR RURAL JOB OPPORTUNITY

*Team Project*

- This project develops a real-time digital platform to connect rural people with nearby job opportunities. It helps villagers easily find accurate and updated employment information using mobile phones or community digital centers. The platform bridges the gap between rural workers and employers, supporting inclusive and technology-driven rural development.

## Sieger No Code Platform

- This project develops a No-Code Website Builder that allows users to create websites using drag-and-drop tools without writing any code. Users can visually design pages, customize components, and the system automatically generates clean, optimized Angular code in the background. The platform makes web development faster, easier, and accessible to everyone, even without technical knowledge.

## **Technical Skills**

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**Areas of interest:** Full-Stack Development, UIUX Designer, No Code Platform Builder.

**Languages and Frameworks:** Python, C, Java, SQL (MySQL), JavaScript, HTML5, CSS3

**Backend & APIs:** FastAPI, Django, REST, MongoDB

**Tools & DevOps:** Docker, Kubernetes, Git, Linux, Jira.

## **Achievements:**

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- Participation of a Design Thinking Contest for the innovative smarthome management solution, ECOBIN held on 23rd May 2023.
- Received a participation certificate for the Smart India Hackathon (SIH) held on 22nd September 2023, for designing an incentives-based system to onboard legal service providers on an e-marketplace for offering legal services to citizens in India.

## **Certifications:**

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- C Programming basics and problem solving - E-BOX.
- DevOps - Infosys.
- HTML , CSS, Javascript - Udemy
- MathWorks.
- Networking Basics - CISCO.

## **Extra-Curricular**

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- Member of the Library Club Event Management Team, responsible for planning and organizing events.
- Active NSS Volunteer, contributing to event coordination and community engagement initiatives.
- The Member of the Reading Club Event Management Team.