

SARIKA D

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Summary

Passionate developer with foundational knowledge of the MERN stack, currently engaged in a full-stack project. Exploring cybersecurity concepts such as vulnerability assessment while focusing on building secure and scalable web applications.

Education

Chennai Institute of Technology

Sept 2023 – May 2027

BE Computer Science (Cyber Security) — CGPA: 9.08

Internships

Odoo Implementation Intern, Covertion Insurance Broking Pvt. Ltd

Dec 2024

Implemented a website using Odoo website builder and configured Helpdesk workflows. Customized modules to streamline business processes.

Java Development Intern, Ideasson Technology Solutions

Nov 2024

Worked on Java application development and optimized JDBC connections. Designed REST APIs for backend systems.

Testing and Documentation Intern, Infocareer Private Limited

May 2024

Tested the LMS platform (IC Leaf) and identified manual issues. Contributed to the fundraising application Golden Planet.

Projects

Online Certificate Verification Tool



Developed an online verification system for issuing and verifying caste and other certificates. Integrated real-time monitoring, email notifications, and PDF generation.

Tools Used: MERN Stack, Cybersecurity Measures.

Hotel Management System Development



Developed the backend of a hotel management system using Java and Spring Boot. Implemented user roles, room management, and an integrated payment gateway.

Event Sponsorship Application Development



Developed an event sponsorship platform using Node.js, Express, and MongoDB. Integrated sponsor registration, campaign management, and real-time tracking.

Technologies

Languages: C++, Java, Python, JavaScript, SQL

Backend: Spring Boot, Node.js, Express.js

Frontend: React.js, HTML, CSS, Tailwind CSS

Database: MongoDB, MySQL

Cybersecurity: Kali Linux, Nmap, TryHackMe

Tools: Postman, JWT, Git

Certifications

AWS Cloud Practitioner (CLF-02)

NPTEL Parallel Computing Architecture

Networking Essentials (Cisco)

Cybersecurity Essentials (Cisco)

Introduction to Cybersecurity (Cisco)

Networking Essentials - Cisco

Volunteering

Revil Symposium (Hosting) Hosted and coordinated the Revil Symposium leadership event.

Podcast - Asymmetric Club (Cyber & Dark Web)



discussing cybersecurity and the dark web

Hosted a podcast session at the Asymmetric Club,

Achievements

- Solved 350+ problems on LeetCode, demonstrating strong problem-solving skills in data structures and algorithms.
- Selected as a finalist in the Electrothon event for developing a project on Retinal Damage Detection of
- Diabetic Retinopathy

