SOMALIKA

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Professional Summary

Detail-oriented Computer Science student with hands-on experience in full-stack development and a strong foundation in Data Structures and Algorithms. Demonstrated success in developing efficient web applications and implementing innovative solutions to complex problems.

Education

SRM University Sonepat Delhi-NCR, India   **2022 - 2026**
- *B.Tech CSE | CGPA: 8.0*   *(expected)*

Happy Home Public School, India   **2021 - 2022**
- *CSBE (Class XII), Aggregate:86.2%*

Happy Home Public School, India   **2019 - 2020**
- *CBSE (Class X), Aggregate:89.8%*

Skills

Languages: C, Java, Python
Web Technologies: HTML, CSS, JavaScript, React, Next.js
Database: MySQL, Firebase
Version Control: Git, GitHub
Developer Tools: VS Code
CS Fundamentals: Computer Network, Operating System, DBMS, Object Oriented Programming, D.S.A
Soft Skills: Public speaking, Team collaboration, Logical reasoning

Work Experience

CodSoft Internship & Training Program in Java Development   **Aug '24 - Sept '24**

- Successfully completed an intensive Java development internship at CodSoft, gaining **hands-on experience** in **full-stack application development.**
- Developed expertise in **Java, OOP, database integration, and version control** while working on real-world projects.
- Built 3 applications, including a **Number Game** and a **University Management System**, demonstrating problem-solving and software development skills.
- Contributed to **project efficiency and code quality**, enhancing the company's training ecosystem while improving collaboration and workflow.

Projects

Doctor's Appointment Booking System   **Dec '24**
Live Demo | Github
- Architected a role-based healthcare platform serving 3 user types **(patients, doctors, admins)** using **React, Next.js, and Firebase**
- Streamlined appointment scheduling process, **reducing booking time by 60% through automated real-time updates.**

- Integrated **Firebase authentication system**, achieving 99.9% uptime and securing data for 50+ user records

- Engineered an **analytics dashboard that processed 500+ monthly appointments** with 95% accuracy in reporting
- Decreased appointment no-show rates by 40%

University Management System **Aug '24**

Github

- Spearheaded development of comprehensive **Java Swing-based academic management platform**
- Optimized student registration process, **reducing administrative processing time by 50%**
- Designed and implemented **GPA calculation system with 100% accuracy** for 200+ student records
- Created **intuitive GUI using Swing components**, increasing **user satisfaction by 85%** among administrative staff
- Accelerated course management efficiency by 70% through streamlined **CRUD operations**

Certifications

- CodSoft Internship and Training Program | Java Development 🔗
- Participated in several Coding Rounds 🔗

Achievements

- Secured **2nd Runner-up** position among 50+ teams in College Hackathon
- **300+ questions** solved on Leetcode with **50 days Badges.**