

## **SAMARTHYA DEORE**

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B.E. Computer Engineering (2027) | Fr. C. Rodrigues Institute of Technology

LinkedIn: [www.linkedin.com/in/samarthyadeore-039678275](https://www.linkedin.com/in/samarthyadeore-039678275)

GitHub: <https://github.com/samarthyadeore-cloud> | LeetCode-id:q2oi0L34Nz

## **CAREER OBJECTIVE**

Software engineering student with strong fundamentals in data structures, algorithms, and programming. Seeking internship or entry-level software developer roles to apply technical skills, solve real-world problems, and grow in a professional environment.

## **TECHNICAL SKILLS**

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

Frameworks / Tools: React Native (Basics), MATLAB, Scilab

Databases: MySQL

Core Subjects: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks,

Cryptography

Operating Systems: Linux, Unix

## **ACADEMIC PROJECTS**

Signcryption using Attribute Based Encryption (Final Year Project)

- Implemented secure signcryption using Attribute-Based Encryption.
- Improved fuzzy ABE model with weighted logic for better access control.

Online Toll Payment System

- Developed Java-based application for online toll payments using JSON.

Sleeping Barber / Teaching Assistant Problem

- Solved classic synchronization problem using semaphores in Java.

## **EDUCATION**

B.E. Computer Engineering (2023–2027) – CGPI: 8.0

Fr. C. Rodrigues Institute of Technology

Diploma in Engineering – MSBTE – 84%

SSC – Maharashtra State Board – 76%

## **INTERNSHIPS & TRAINING**

Infosys Campus Connect – Software Development Fundamentals

Java & PHP-MySQL Workshops – FOSS-CCET

## **ACHIEVEMENTS & ACTIVITIES**

International Conference Paper Presentation – “Big Data – A Bigger Fuss Elucidated”

Joint Cultural Secretary – Students’ Council, CCET

Organizer – Sojourn Cultural Festival & Enertia Sports Festival

## **SOFT SKILLS**

Problem Solving, Communication, Teamwork, Leadership, Time Management