

# Swarnim Sahay

## SOFTWARE DEVELOPER

### ABOUT ME

*I'm a second-year CSE undergrad with a solid grasp of software development, algorithms, and problem-solving. Passionate about learning and innovation, I enjoy applying my skills to real-world challenges and contributing to meaningful tech solutions.*

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Chennai | Mumbai

### EDUCATION

#### S.R.M Institute of Science and Technology, Tamil Nadu (Present-2027)

- Degree: B.Tech in Computer Science & Engineering
- Current CGPA: 9.85

#### D.A.V. Public School, Airoli (CBSE – Class XII) (2022-2023)

- Percentage: 79.6%

#### D.A.V. Public School, Thane (CBSE – Class X) (2020-2021)

- Percentage: 95.4%

### EXPERIENCE

- Technical Team Member – CINTEL's NextGen AI in Cybersecurity
- Trainee – RedSecOps Apprenticeship (Oct'23 – Mar'24)
- Member – SRMKZILLA, Events Domain
- Deloitte Australia (Remote) – Data Analytics Virtual Experience: Analyzed client telemetry data using Tableau, built interactive dashboards, and derived actionable insights.

### SKILLS

#### Technical Skills

- Languages: Python, C, C++, Java
- Web & Tech: HTML, CSS, JavaScript, React, Node.js, SQL, Linux
- Interests: DSA, Web Dev, OS, DBMS

#### Languages

- Fluent: Hindi, English
- Proficient: Marathi, Korean
- Basic: German

### PROJECTS

#### • My Glam-Ecommerce Website:

Developed an e-commerce website for beauty products with real-time features, improving user shopping experience and integrating payment systems.

Tech Stack: HTML, CSS, JavaScript, React/Angular/Vue, JSP, Apache Tomcat, MySQL, JDBC .

#### • Spotify Clone

Built a real-time music streaming app using the Spotify Web API, with playlist search and user login.

Tech Stack: React, Node.js, Express.js, Spotify Web API.

#### • Stellar Sphere

Created an interactive space exploration website with 3D visualizations, a parallax solar system, and a Phaser-based space game.

Tech Stack: HTML, CSS, JavaScript, Three.js, Phaser.

#### • 4DOF Robotic Arm

Designed a robotic arm with Arduino for real-time control and precise object manipulation.

Tech Stack: Arduino, C/C++.

#### • Medibiotic – Smart Healthcare Website

Medibiotic is a smart healthcare web app with symptom analysis, nearby services, well-being tracking, health records, and SOS alerts, integrating APIs for real-time insights.

Tech Stack: Built with React, Node.js, Express, MongoDB, and PostgreSQL, it integrates Google Maps, Fitbit, Twilio, and Socket.io for seamless functionality.

### ACHIEVEMENTS

- Won 1st Place** – AstralWeb Hackathon for "Stellar Sphere", an interactive space exploration project with 3D visuals.
- Solved 100+ LeetCode problems**, demonstrating strong problem-solving skills.