

SWARNIM SAHAY

SOFTWARE DEVELOPER

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SUMMARY

I am a second-year CSE undergrad with a strong foundation in software development, algorithms, and programming. My enthusiasm for applying academic knowledge to real-world challenges is complemented by strong problem-solving skills and a commitment to continuous learning. I am eager to leverage my skills in innovative problem-solving and cutting-edge technology to contribute as a valuable asset to any firm.

EDUCATION

- University:** B.Tech, S.R.M Institute of Science and Technology, Tamil Nadu **2023 -2027**
Current CGPA: 9.8
- CBSE (XII):** D.A.V. Public School, Airoli – 80% **2022 -2023**
- CBSE (X):** D.A.V. Public School, Thane – 95.4% **2020 -2021**

SKILLS

| Technical Skills: | Soft Skills: | Languages: |
|---|--|---|
| <ul style="list-style-type: none">• Languages: Python, C, C++, Java• Technology: HTML, CSS, JavaScript, React, Linux, SQL, Node.js• Interests: DSA, Web dev, OS, DBMS | <ul style="list-style-type: none">• Critical thinking skills• Convenient communication skills• Notable organisational skills | <ul style="list-style-type: none">• Fluent: Hindi, English• Proficient: Marathi, Korean• Novice: 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 Spotify clone using React and the Spotify Web API for integrated real-time music streaming.
- Implemented playlist search and user login functionality utilizing Node.js and Express.js.
- Tech Stack: React, Node.js, Express.js, Spotify Web API

Stellar Sphere

- Created an interactive space exploration website with three.js 3D visualizations.
- Developed a parallax solar system and a space-themed Phaser game for an educational user experience.
- Tech Stack: HTML, CSS, JavaScript, Three.js, Phaser

4DOF Robotic Arm

- Designed and implemented a 4DOF robotic arm with Arduino for real-time control & precise object manipulation.
- Utilized position and timing algorithms for smooth movement.
- Tech Stack: Arduino, C/C++

SafeSphere SafeSphere (LGBTQ+ & Women's Safety Website).

- Developed a safety platform with SOS alerts, live tracking, and safe route finder
- Integrated Google Maps API and Twilio API for real-time location sharing and alerts.
- Tech Stack: HTML, CSS, JavaScript, Google Maps API, Twilio API

ACHIEVEMENTS

- Won 1st place in AstralWeb Hackathon for "Stellar Sphere," an interactive space exploration project with 3D visuals.
- Solved 100+ LeetCode problems, showcasing problem-solving skills.

EXPERIENCE

- **Technical Team Member:** CINTEL's NextGen AI in Cyber Security domain
- **Trainee:** Redsecops- Apprenticeship program (Oct'23-March'24)
- **Member:** SRMKZILLA at Events Domain
- Active Participation in Codechef, LeetCode, Hackerrank