SWARNAVA SARKAR

B.Tech CSE (AI & ML) Student | Emerging Tech Innovator | PLACFVs Club Member, SRM University | Passionate About AI, IoT & Real-World Solutions

B.Tech CSE (AI&ML) student with strong hands-on experience in developing IoT and AI-driven solutions. Proven track record in leading winning projects and participating in national-level hackathons. Member of the PLACFVs team (SRM Placement Cell), actively contributing to campus-industry engagement and career initiatives. Completed first year with distinction. Seeking opportunities to contribute to innovative tech solutions in the corporate domain.

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⦿ Chennai, Tamil Nadu

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SWARNAVA182006-Github

SKILLS:

Graphic Design: Skilled in Adobe Illustrator, Photoshop, and AutoCad.
Design Thinking: Expertise in user-centered problem-solving.
Wireframe Creation: Experienced with Blynk, Trello, jira for IoT project wireframes.
Programming: Proficient in C, C++, Java and Python.
Problem-Solving: Strong analytical and creative problem-solving abilities.
Computer Literacy: Proficient in MS Office, AutoCAD, and VS Code.
Project Management: Familiar with Trello, Asana, and Jira.
Communication: Effective written and verbal communication skills.

EDUCATION:

SECONDARY SCHOOL
RAIGANJ CORONATION HIGH SCHOOL
2017-2022
BALURGHAT HIGH SCHOOL
2022-2023

BACHELOR OF TECHNOLOGY,CSE-AIML
S.R.M Institute of Science and Technology, Kattankulathur
2024-2028

LANGUAGE:

ENGLISH
HINDI
BENGALI
GERMAN

Experience:

Project Leader–Smart Irrigation System:
Tecknow Competition Winner, SRM University (Dec 2024)

- Led the development of an IoT-based precision irrigation system, integrating sensors and Wi-Fi-based automation, securing victory in the competition.

Hackathon Finalist – UYIR Road Safety Hackathon (Jan 2025):

- Advanced to the final round with a "Smart Traffic Signal and Intelligent Transport System" project using AI and IoT.

Hackathon Participant – PICT and ULTRON 8.0 Hackathons (Jan 2025):

- Developed innovative solutions in the agricultural domains, enhancing teamwork and problem-solving skills.

Certifications:

- C Programming and Python Programming (Udemy)
- C++ Programming and NPTEL, Udemy OODP Courses.
- java programming language.

- **Academic Achievements:**
Secured 9.96 CGPA in the First year of [B.Tech CSE-AI&ML] at SRM University.