



SWATI TOMAR

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Education

National Institute of Technology, Agartala

2022 – 2026

Bachelor of Technology in Electrical Engineering

CGPA: 7.31

Alpine Public School, Baraut (Uttar Pradesh)

2019 – 2021

Senior Secondary (XII), CBSE

Percentage: 91

Alpine Public School, Baraut(Uttar Pradesh)

2017 – 2019

Secondary (X), CBSE

Percentage: 95

Experience

Duration

September 2023 - May 2024

Public Relations Expert

- Led **5+** **web development** workshops for **Google Developer Student Clubs**, impacting 200+ participants.
- Managed stakeholder communications and relationships as **PR Expert at DCC and GDSC**.
- Promoted 10+ club events, boosting attendance by 30% and increasing community engagement.

Project

Weather Tracker

- Designed and implemented a weather application achieving real-time **local weather updates** with an average refresh rate of **10** seconds.
- A user-friendly search functionality allowing users to look up weather in over **200,000** locations worldwide.
- Integrated **3+** **weather APIs** to fetch and display real-time data, including temperature, humidity, wind speed, and conditions, improving accuracy by 20%.
- Tools and Technologies: **HTML, CSS, JavaScript**.

Password Generator

- Developed a secure password generator application.
- Implemented customizable options for password length and inclusion of special characters, numbers, and uppercase/lowercase letters, resulting in a 25% increase in user satisfaction.
- Incorporated a user-friendly interface for copying generated passwords to the clipboard with a single click, resulting in a 50% increase in user efficiency.
- Tools and Technologies: **HTML, CSS, JavaScript**.

Achievements

- Collaborated as part of a team of 5 in the **Smart India Hackathon (SIH)** zonal round after qualifying internally.
- Secured **72%** among over **1 million** candidates in the Global Math and Science Olympiad organized by Edu-Talent Global Learning Pvt. Ltd in 2018.
- **LeetCode**: Solved **230+** problems. **Profile**: leetcode.com/u/swatitomar
- Achieved a Codeforces rank of **9347** in a competitive programming contest.
- Qualified **Levels 1 and 2** in the **Tata Crucible Campus Quiz**.
- Ranked among **top 3.5 percentile** students in **JEE Main 2022**, among **1.4 million students**.

Technical Skills

Languages: C++, C.

Technologies and Frameworks: HTML, CSS, JavaScript, Tailwind CSS, Node.js, React(JavaScript), Next.js.

Core Concepts: Object Oriented Programming, Embedded Systems, Analog and Digital Electronics.

Other Tools: Git, Github, VS Code, Canva, MATLAB/Simulink.

Positions of Responsibility

- **Champions Craft League:** Organized the vibrant Champions Craft League, an IPL-themed competition.
- Engaged 100+ participants across graphics, video editing, social media, PR, and content creation.
- **Ex-Core Member, Google-Developer Students Club (G-DSC), NIT-A.**