

Sarang Rastogi

B.Tech. CSE (Final Year) Student

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[LinkedIn.com](#)
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[Portfolio](#)

PROFILE SUMMARY

A highly driven software developer, specializing in Next.js and React.js for dynamic web apps and Tailwind CSS for UI design. Proficient in SQL for database management, experienced in machine learning. Passionate about solving real-world problems and building innovative solutions with collaborative teams.

WORK EXPERIENCE

Intern, Essentia.dev May 2025 – Present

- Working on a client project using **Elixir, Phoenix & LiveView** to build a real-time buoy location tracking system
- Implementing **MapLibre** with LiveView Hooks to display buoy positions dynamically on an interactive map

Tech Lead, Trigger Mind Club Amity June 2024 – Present

- Developed the official club website using React and Supabase, and played a key role in executing all major events.

SKILLS

Technical Skills:

- Programming Language: C & C++, Python, JavaScript, TypeScript
- Databases: SQL (MySQL, Oracle SQL)
- Frameworks & Libraries: React.js, Next.js, Tailwind CSS
- Version Control: Git & GitHub

Soft Skills: Leadership, Team Coordination, Analytical Thinking, Adaptability, Problem-Solving, Effective Communication

EDUCATION

Amity University, Noida Expected Graduation: June 2026
Bachelor of Technology, Major in Computer Science
Current CGPA: 8.60

Kothari International School, Noida Graduation: 2022
CBSE 12th: 83.0% | CBSE 10th: 86.83%

PROJECTS

[\[Link\]](#) Storage App (Storer):

- Developed an app for efficient file storage, organization, and retrieval with fast search and sorting capabilities.
 - Integrated Appwrite for secure backend services.
- Technologies: Next.js, Typescript, Appwrite, Tailwind CSS,*

[\[Link\]](#) Stocket (Stock Prediction Tool):

- Built ML/DL models in Python achieved **95+% prediction accuracy** on stock data spanning **10 years**.
 - Developed the React frontend, enabling real-time visualization of stock trends and prediction results.
- Technologies: Next.js, Javascript, Tailwind CSS, Gemini API*

[\[Link\]](#) JB's Lounge Website:

- Developed a responsive website** for a lounge, ensuring **100% seamless reservations**.
 - Achieved **100 SEO Score, 96+ Best Practices score** and **85+ Performance score** on Lighthouse.
- Technologies: Next.js, Javascript, Tailwind CSS*

ACHIEVEMENTS

- Earned **Silver Elite Status** in **Python for Data Science** (NPTEL) by achieving **84%** and applied knowledge in AI-based projects. Also, Achieved **Silver Elite Status** in **Body Language** (NPTEL) with **87%**.
- Wrote a Research Paper on **Cloud Gaming** and **Sign Language Recognition** using **Machine Learning**.
- Successfully participated in **CyberCup 2024**, developing an **IoT-based solution** for sleep tracking.
- Ranked among the **Top 500** students in the **EricssonEdge Challenge**, demonstrating strong technical skills.