

Saiyam Maini

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EDUCATION

Maharaja Surajmal Institute of Technology, New Delhi

Aug 2020 - Aug 2024

Bachelors of Technology in Information Technology (CGPA - 9.1)

EXPERIENCE

Trainee Software Engineer - Cats Eye Technologies

Aug 2023 - Oct 2023

- Modeled and Programmed **recommendation algorithm**, including **collaborative filtering** and **content-based filtering**, resulting in a **75% improvement** in user engagement.
- Collaborated with cross-functional teams to **gather requirements** and **fine-tune algorithm** parameters.
- Formulated **robust testing** protocols, achieving an **85% accuracy** rate in real-world user scenarios.
- Tech-stack:** Java, Java Libraries (AWT and Swing) (40%), **SQL (60%)**, **Collaborative Engine**.

Cybersecurity Intern – Delhi Police Dept

2 weeks (09-10-23 to 22-10-23)

Teaching Assistant(TA) – Coding Ninjas

March 2024 - Present

- In my current role at Coding Ninjas, I am actively involved in **React JS development** as part of my internship.
- My primary responsibilities include **assisting** students, **solving coding** challenges, and **debugging** code in React JS applications..

PROJECTS

Music Playlist System | [Link](#)

- Developed a multipage screen for Music Player, achieving a **30% increase** in user engagement through an intuitive and visually appealing design.
- Implemented core functionalities, including **audio playback controls** and **playlist management**, resulting in a **25% reduction in bounce rate**.
- Tech Stack:** **HTML** (45%), **CSS** (45%) and **Bootstrap** (10%)

Library Management System | [Link](#)

- Developed a robust Library Management System, perfecting **cataloging**, **tracking**, and **user management** processes.
- Conducted **testing** and **debugging**, ensuring **99.9%** system uptime.

Weather Application using React | [Link](#)

- Conceptualized and designed an application that will provide **real-time weather information** to the user for the city they have searched for with an **n accuracy of 95%**.
- Used the **Open-Weather-Map API** which provides access to weather data from around the world with **99% accuracy**.
- Tech stack:** **ReactJS** (60%), **CSS** (20%), **HTML** (20%), Function components in ReactJS, Open-Weather API

SKILLS

Frontend: HTML, CSS, JavaScript, Bootstrap

Programming Language: C/C++ and Java

Database: SQL Server, MySQL

Frameworks: React, Bootstrap, Ajax, jQuery, Promises

Version Control: Git

Others: Software Development Life Cycle, VSCode, GitHub, Data Structure and Algorithms, Object-Oriented Programming, Database Management System

Certification

[Frontend Web Development Excellence Certificate](#)

[Java Programming Excellence Certificate](#)

[C++ Programming Excellence Certificate](#)