

Samrat Roy

+91-8767522869 | samratroykdh@gmail.com | samratroy.netlify.app | Github | Leetcode | GFG | LinkedIn

EDUCATION

RCOEM Nagpur

B.Tech - Computer Science and Engineering : CGPA: **8.8**(Till 5th Sem)

Nagpur, India

May 2025

Narayana Vidyalayam Nagpur

XII : Percentage (**92%**)

Nagpur, India

July 2021

EXPERIENCE

Homeo | Live | Repository

Full Stack Intern

Mar – May 2023

Remote

- Developed the frontend using **React JS** and **Tailwind CSS** according to the requirement of the client.
- Incorporated User Information using **Realtime DB** using **Firebase**
- Technologies Used: **React JS, Tailwind CSS, Context API, Firebase, Realtime DB, Netlify(Deployment)**.

PROJECTS

TrailerFlix | Live | YouTube Link

Repository

- Implemented **Authentication** system using **Firebase** and storing user data in **Firestore**.
- Integrated **Secured Payment Gateway** for **subscription** plans using the **Stripe API**.
- Developed a robust system of fetching the desired movie trailer from the **YouTube API** with **92% accuracy**.
- Technologies Used: **React JS, Tailwind CSS, Context API, Firebase, Firestore(Cloud), Node JS, Express, Netlify, Render(Deployment)**.

ImageRestoraraion|Under-Development

Repository (Private)

- Implemented **Authentication** with **Email** and **mobile number with OTP** using **Firebase**
- Trained and Deployed Various Image-Restoration Models achieving **_** accuracy.
- Developed a system to provide a User defined parameterised **Collage**.
- Technologies Used: **React JS, Tailwind CSS, Styled Components, Context API, Firebase, Firestore(Cloud), Node JS, Express, Tensorflow JS, Netlify, Render(Deployment)**.

SportsGram |Under-Development

Repository (Private)

- Implemented **Authentication** system using **JWT Tokens** and **Designed Schemas for User Database**
- Implemented **User Driven Interface** for the application.
- Developed a **scalable** Backend implementing the essential functionalities.
- Technologies Used: **React JS, Tailwind CSS, Redux-Toolkit, MONGODB, Node JS, Express, Helmet, Multer, Morgan, Netlify, Render(Deployment)**

ACHIEVEMENTS

- Secured under 1500 rank in leetcode Biweekly Contest 121 (**Top 6%** of the participants).
- Secured under 2000 rank in leetcode Biweekly Contest 118 (**Top 9%** of the participants).
- Leetcode:Contest Rating (**1650+**)
- Clinched a victory in HackSphere (a College-level 10-hour hackathon) amidst 100+ participants. (Solution link)
- Recipient of **Subroto Mukherjee Student Scholarship** by **Indian Air Force** for academic accolades.

TECHNICAL SKILLS

Languages: **C++, Python, Java, C, SQL (Oracle), HTML, CSS, Javascript**

Frameworks: **React JS, Node JS, Express JS, Pandas, Tailwind CSS**

Databases: **MongoDB, Realtime DB (Firebase)**

Tools: **Git, Github, Netlify, Render, Linux, Firebase, React-Redux-Toolkit**

CS Fundamentals: **DSA, OOPS, OS, CN, DBMS**

Explored: **Docker, Kubernetes, Microsoft Azure, Machine Learning, Deep Learning**