Samrat Roy

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

EDUCATION

RCOEM Nagpur — Nagpur, India
B.Tech - Computer Science and Engineering : CGPA: 8.8(Till 5th Sem) — *May 2025*

Narayana Vidyalayam Nagpur — Nagpur, India
XII : Percentage (92%) — *July 2021*

Air Force School Bagdogra — Siliguri, India
X : Percentage (94%) — *May 2019*

EXPERIENCE

Homeo | Live | Repository — Mar – May 2023
Full Stack Intern — *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

- An **user-driven platform** for watching and sharing new movie trailers with friends and family.
- Implemented **Authentication** system using **Firebase and** storing user data **in Firestore .**
- **Fetched** multiple movies data from the **TMDB API** using **Axios.**
- 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.**
- Developed a mechanism to share the selected URL in famous Social Media Applications.
- Technologies Used:**React JS,Tailwind CSS,Context API,Firebase,Firestore(Cloud),Node JS,Express,Netlify,Render(Deployment).**

Tesla E Commerce | Under Development — Repository

- A complete end to end **full stack clone** of Tesla E- commerce Web Application.
- Implemented User Authentication Using **Firebase for** both User Application and Admin Dashboard.
- Developed **Add to Cart** functionality using **React-Redux** state management Library.
- Integrated **Secure Payment Gateway** for payment of selected products in the cart using the **Stripe API .**
- **Protection** of the route storing the order details with the user address in **Mongo DB** after successful payment.
- Developed a system for the admin of the application to handle orders after payment.
- Technologies Used:**React JS,React-Redux Toolkit,Tailwind CSS,Firebase,Firestore(Cloud),Mongo DB , Node JS,Express,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 (1500+)
- Recipient of **Subroto Mukherjee Scholarship** by the **Indian Air Force**

TECHNICAL SKILLS

Languages: **C++, Python, Java,C, SQL (Oracle), HTML, CSS, Javascript**
Frameworks: **React JS, Node JS, Express JS, Pandas,Tailwind CSS**
Databases:**Mongo DB , Realtime DB (Firebase)**
Tools:**Git,Netlify,Render,Linux,Firebase,React-Redux**
Explored: **Docker, Kubernetes,Microsoft Azure, Machine Learning, Deep Learning**