SAMRAT SADHU

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EDUCATION

Jalpaiguri Government Engineering College   Nov 2020 – Jun 2024
Bachelor of Technology in Electronics and Communication Engineering, CGPA: 9.5/10.0   *Jalpaiguri, West Bengal*

EXPERIENCE

Software Developer Intern   Mar 2023 – Jan 2024
Hyperlearn   *Remote*
- Designed wireframes and prototypes using **Figma**, and documented frontend components using **Storybook**
- Built reusable UI components and widgets, gaining practical experience in **Typescript** and **ReactJs**
- Acquired hands-on experience in **Typescript**, **React**, **Storybook**, **Jira**, **Notion**, **Bitbucket**

Summer Intern   Jun 2023 – Aug 2023
Celebal Technologies   *Remote*
- Constructed a comprehensive web application using **React**, integrating user authentication features.
- Created and implemented reusable components, effectively managing state using **Redux** and **Redux saga**
- Attained practical experience in modern web development practices, specializing in **React**, **Redux**, **Redux saga**

Instacks Intern   Sep 2021 – Nov 2021
Cantilever Labs   *Remote*
- Oversaw software product management for Think Exam and curated problem sets in Data Structures and Algorithms (DSA) and Aptitude
- Acquired practical proficiency in **Microsoft Excel**, streamlining data management and analysis processes

PROJECTS

ScribeSync | *NextJs, Typescript, Tailwind, Convex, Vercel* | GITHUB | LIVE   Dec 2021 – Jan 2022
- Developed with efficient server-side rendering and organized tree structure management for optimized performance.
- Leveraging real-time editing to foster seamless workflow and dynamic content creation.
- Implementing a streamlined and intuitive interface for effective note-taking and flexible data management.

StudyBud | *Django, Django REST Framework, Render* | GITHUB | LIVE   May 2022 – Jun 2022
- Established a Study-Together platform enabling open discussions on diverse topics in public rooms.
- Enabled guest usage and login for optimized performance and enhanced functionalities, such as in-room messaging.
- Facilitated seamless room creation and participation for engaging topic-based discussions.

Travel Advisor App | *React, Material UI, Google APIs, Netlify* | GITHUB | LIVE   Jul 2021 – Aug 2021
- Designed a user-friendly travel advisor app for real-time navigation using Google Maps integration.
- Integrated GPS functionality to provide current location and utilize APIs for live information on various destinations.
- Provided comprehensive insights into hotels, restaurants including rankings, reviews, addresses for easy trip planning.

TECHNICAL SKILLS

Programming Languages: Javascript, Typescript, HTML, CSS, Python, C++
Libraries & Frameworks: React, Next.js, Django, Node.js, Tailwind CSS, MySQL
Tools & Platforms: Git, Github, Netlify, Vercel, Heroku, Storybook, Docker, Figma, Postman, Sanity, Jira, Notion

ACHIEVEMENTS

- Published work at ICTDsC, 2023 titled *"Design of Wideband Microstrip Patch Antenna at 38GHz for 5G Network"*, **Springer** [View Work]
- Secured a global rank of 2010 in the Round B of **Google Kickstart** 2022
- Secured a global rank of 2826 in the Second Round of **Facebook Hacker Cup** 2021
- Participated and cleared the qualification round of **Google Code Jam** 2022 and **Snack-Down** 2021
- **Web Lead** in JECLAT, the largest annual cultural fest of North Bengal [View Website]
- **Backend Lead** in Pandulipi, the magazine club of JGEC [View Website]
- Highest Rating of 1665 with 600+ problems solved in **Leetcode** [View Profile]