

Sauradip Ghosh

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leetcode Codechef GitHub

Full Stack Developer

Education

8.68/10.5 **BTech in Computer Science and Engineering**, Maulana Abul Kalam Azad University of Technology | Asansol, India

2021-25

Achievements: 20th Place @ Innovative Hardware Model Making Competition | 500 + DSA Question Solve In Coding Ninjas | 10th Place @ Poster Making Competition | Member of Tech Club

Course Work: Data Structures and Algorithms | Computer Network | Operating System | Object Oriented Programming

Projects

Sight-Speak Backend Frontend

Images into Spoken words effortlessly with our OCR technology | Under Development

- Created a **Full Stack Web Application** focusing on **Optical Character Recognition (OCR)** functionality.
- Combined **ReactJS** and **Tailwind CSS** for a dynamic and responsive frontend interface.
- Integrated **Express.js**, **Tesseract OCR**, and **Speech API** on the backend for efficient server-side operations and OCR capabilities.

CryptoVerse Deploy Link

Cryptocurrency App powered by **RapidAPI**

- Developed a Crypto Tracker project using **React**, **Redux**, **REST API**, and **Chart.js**.
- Recognized the importance of staying informed about cryptocurrency market trends and asset performance.
- Hosted the project on **Netlify**, providing a live environment for easy access and demonstration.
- Utilized **React** to create a dynamic and **responsive** user interface for tracking cryptocurrency data.

Redesign-MyFuseln Deploy Link

Hackathon Project

- Developed a responsive job search and listing platform using **React** and **Next.js**.
- Leveraged the **AceternityUI** library for consistent and attractive user interface components.
- Hosted the project on **Vercel**, providing a live environment for easy access and demonstration.
- Collaborated** effectively with team members to **plan, redesign, develop, and deploy** the project successfully.

Skills

	Languages :	C++, Java, Python, Javascript, Typescript, SQL
Technologies & Frameworks :		Bootstrap, Tailwind, React, Next.js, Redux, Recoil, Node.js, Express.js, EC2(AWS), S3(AWS), Vercel, Netlify, Cloudflare
Softwares and Tools :		Linux, Docker, Kubernetes, Ollama, Figma, Postman, Canva, Git & GitHub
Databases :		PostgreSQL, MySQL, MongoDB , AWS S3

Experience & Open Source Work

Indian Institute of Information Technology Kalyani, *Winter Of Code 3.0* | Open Source

March 2023 - June 2023

- Leveraging QR code generation libraries, I implemented the functionality to create **QR codes** corresponding to the **shortened URLs**.
- Designed and implemented a **database system** to store and retrieve user-generated shortened URLs and associated QR codes, allowing users to maintain a record of their actions.
- collaborated with the project's **UI/UX** team to ensure a seamless user experience by integrating the features built into the user interfa

Neurobagel @ INCF & Palisadoes Foundation) : *Full Stack* | Open Source, India

Jan 2024 - April 2024

- Actively contributed to the development of **Neurobagel**, an open-source **JavaScript query tool** for data management, by working on **React components** and implementing **CI/CD** processes.
- Engaged with the **Palisadoes Foundation** on the Talawa Admin Project, where I leveraged my skills in **React** and **GraphQL** to drive development and enhance project functionality.

Achievements & Certification

2024	Top 25 Teams , Rebase<01> Hackathon
2023	Top 3 Teams Sirechain Redesign, I2C2 Hackathon
2023	500+ DSA Question Solve , Coding Ninja
2022	Data Structures and Algorithms Specialization , Coding Ninja
2022	Competitive Programming , Coding Ninja

GDSC IIIT Kalyani
Codedu, India