

RENE GHOSH

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EDUCATION

Institute of Engineering and Management
Bachelor of Technology - CSE with specialization in IOTCSBT; GPA: 8.87

Kolkata, India
October 2021 - Present

Courses: Data Structures and Algorithms, DBMS, OOPs, Cloud Computing & IOT

Birla Bharati School (CBSE XII: 92.3%)

March 2019- March
2021

SKILLS SUMMARY

- **Languages:** C/C++, Python, JavaScript
- **Frontend:** ReactJS, HTML5, CSS, Bootstrap, Tailwind, JQuery, Redux
- **Backend:** Appwrite.io, MySQL, NodeJS, ExpressJS, Firebase
- **Tools:** Figma, VS Code, GIT, GitHub

EXPERIENCE

Web Development – Brainium Information Technologies Pvt Ltd.
Intern

WFO
May 2024 – July 2024

Collaborated with a multidisciplinary team of 3 to actively develop responsive websites, resulting in a successful completion of a project. Underwent proper training related to JavaScript and React.js for completion of project. Converted design into code from industry-standard tools like Figma.

ACHIEVEMENTS

Paper published and accepted by Springer

Developed an IoT solution for automating vehicle pollution checks using a smart stick provided to vehicle purchasers during license verification. Owners insert the stick into the exhaust for 2-3 minutes monthly, starting the engine. The smart stick detects individual gases, updates the server and provides a detailed report to the owner.

Graduated from buildspace.io among 60000 applicants

Participated in nights and weekends of season 5 and successfully made it to the final event. Developed a studying platform over the 6 weeks.

PROJECTS

○ Weather App

Developed with vanilla JavaScript and showcases proper usage of API handling from a live server. Designed using SCSS which makes an elegant widget for weather.

○ E-commerce Website:

Developed during my internship, a full-stack e-commerce site utilizing React and Redux for a responsive UI and efficient state management. The platform features OTP verification for secure authentication, a localhost database for reliable data handling, and a mock API for realistic testing. It was successfully brought to functionality from a prototype by me.

○ StuBit – Studying Platform:

This app provides suitable environment and handy apps in one place leading to increased efficiency of learning process. I have contributed by developing an interactive and responsive UI using React, Redux, and Bootstrap.

○ Personal Portfolio:

Showcase of the projects I have made and a bit about myself on my portfolio using React.

○ Bongo CAT game:

A cute interactive cat game where you can summon bongos, give the cat fish make it sleep and many more. This was developed by me which incorporates advanced levels of JavaScript.