SUBHOJIT GHOSH

Kolkata,India

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EDUCATION

Institute of Engineering and Management   **2021 – 2025**
*B.Tech Computer Sciece and Engineering - **8.81** - 4th sem*   *Kolkata, India*

South Point School   **2007 – 2021**
*AISSE - **Percentage - 89%***   *Kolkata, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- System Design

PROJECTS

BlogNation ↗ | M.E.R.N., Mongoose, Flowbite, Render, Firebase, Tailwind CSS, Vite   **2024**

- BlogNation, a cutting-edge MERN Stack web app with advanced features such as **JSON web token authentication, Google OAuth integration, and secure admin dashboard management. Leveraging MongoDB for robust content control, I implemented dynamic page features, advanced search, and pagination using Tailwind CSS and FlowBite.** The website, designed for light and dark modes, boasts a visually appealing loading effect for images and empowers users to modify profiles. Interactive elements include **commenting, liking, and deleting posts. The application, featuring a search bar, pagination, and an insightful dashboard, was successfully deployed on the Render platform**, demonstrating my expertise in JavaScript and React..

Estatedotcom ↗ | MongoDB, Express JS, React JS, Node JS, Firebase, Tailwind CSS, Vite   **2024**

- User-friendly real estate listing app. Allows easy creation and viewing of property listings **Features dynamic image carousels, detailed property info Utilizes React, Redux, and Firebase technologies. Includes user authentication for secure access Implements dynamic routing with React Router and integrates Swiper library** for smooth image carousels Uses Firebase for storage and authentication with responsive and interactive platform for managing listings.

INTERNSHIP/EXPERIENCE

MEDICA SUPERSPECIALTY HOSPITAL ↗   **06 2023 – 08 2023**
IT Intern   *Kolkata, India*

- Collaborated closely with developers to enhance the functionality of the new Hospital Management Information System (HMIS) based on user requirements.**Learned corporate skills during this onsite internship and developed proficiency in Database Management System (DBMS) and API Handling through hands-on experience and guided learning.**
- Specialized in addressing and resolving database bugs, demonstrating adept problem-solving abilities under the mentorship of senior developers.Recognized for outstanding performance, received a Letter of Recommendation from the Chief Information Officer for significant contributions to the project.
- Letter of Recommendation

Data Analyst   **Jan 2023 – Current**
Freelance   *Hybrid*

- Leveraged expertise in IBM SPSS to analyze and interpret patient feedback data, providing valuable insights to clients. **Conducted Reliability Analysis to ensure the consistency and accuracy of collected data, enhancing the reliability of results. Applied Exploratory Factor Analysis (EFA) to identify underlying patterns and structures within the patient feedback dataset. Executed Confirmatory Factor Analysis (CFA) to validate and confirm the identified factors, ensuring robust and reliable analytical outcomes. Proficiently employed Structural Equation Modeling (SEM) techniques** to assess complex relationships among variables, offering a comprehensive understanding of the data dynamics.

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript, HTML, CSS, SQL
Developer Tools: VS Code, Android Studio, Firebase, Eclipse
Technologies/Frameworks: Linux, GitHub, ReactJS, Redux, NextJS, NodeJS, ExpressJS, Git, Mongo