

SUBHRA PRATIM MONDAL

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SKILLS

- **Programming Languages:** C, C++, Java, Python, Php, Shell Script.
- **Front-End Web Development:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS
- **Back-End Development:** Node.js, Express.
- **Databases:** MongoDB ,MySQL.
- **Tools:** VS Code, Postman ,Dev C++, Eclipse,Xampp.

EDUCATION

ASUTOSH COLLEGE | UNIVERSITY OF CALCUTTA

Kolkata, West Bengal

Bachelor Of Science in Computer Science

2021-2024

- CGPA: 7.61

PROJECTS

AutoParkIQ – Automated Car Parking System Using DBMS and Machine Learning

[Link](#)

- **Project Overview:** Developed and deployed a machine learning model that analyses real-time data to forecast parking availability; this innovation improved utilisation rates of parking spaces by 25%, leading to a more efficient parking ecosystem
- **Core Technologies:** React (frontend), Node.js (backend), Python (backend logic and data processing)

Weather – APIs Based Weather Application

[Link](#)

- **Project Overview:** Create a user-friendly weather application utilising the OpenWeatherMap API to fetch real-time weather data; implement location detection and toggles for temperature units, leading to a 40% increase in user satisfaction ratings.
- **Core Technologies:** React for frontend and OpenWeatherMap APIs.

FileLocker – Lock and Unlock Any File Format

[Link](#)

- **Project Overview:** Engineered an advanced encryption and decryption tool capable of processing 50+ file formats with .lock extensions; implemented robust password protection, enhancing data security and reducing unauthorised access incidents by 40% over six months.
- **Core Technologies:** React for frontend Node.js for backend Web Cryptography API

PROFESSIONAL EXPERIENCE

Web Developer Intern | Prodigy InfoTech

April-July, 2024

- Designed and implemented front-end and back-end features for over 5+ web projects.
- Collaborating with cross-functional teams to achieve a 30% reduction in development time for future releases.

Machine Learning Intern | SkillCraft Technology

Aug, 2024-Present

- Spearheaded project planning initiatives that streamlined workflows and enhanced team collaboration.
- Successfully completing 5 major projects on schedule and boosting overall team productivity by 25%. **Personal**

Experience:

March-July 2024

- Lead a team of four in a college project, effectively managing tasks and coordinating efforts to ensure successful project completion.

ACHIEVEMENTS

- **Certificate of Web Designing – Asutosh College.** 2021-2022
- **Certificate of Soft Skills – Asutosh College.** 2022-2023