

SOURAV PATHAK

6291049800 | souravpathak583@gmail.com / [Linkedin](#) / [GitHub](#)

EDUCATION

St. Thomas College of Engineering and Technology

Bachelor of Technology in Electronics and Communication Engineering

- Cumulative GPA : **8.85**

St. Lawrence High School

Higher Secondary Education(W.B.C.H.S)

- Percentage : **75.8%**

St. Lawrence High School

Secondary Education(W.B.B.S.E)

- Percentage : **76.28%**

Kolkata, West Bengal

Dec 2020 – July 2024

Kolkata, West Bengal

Apr 2018 – Jul 2020

Kolkata, West Bengal

Apr 2018 – Jul 2020

SKILLS

- Technical Skills:** JAVA, Python, HTML, CSS, JavaScript
- Dev Tools:** Visual Studio, Git
- Libraries:** ReactJS, Pandas, Matplotlib, Seaborn
- Frameworks:** Bootstrap
- Database:** MySQL
- Microsoft Tools:** MS Excel, MS Word, MS Powerpoint

EXPERIENCE

Bharat Sanchar Nigam Limited | Telecommunication Service Intern

9th Jan 2023 – 20 Jan 2023

- Worked alongside experienced professionals
- Gained insights into the integration and deployment of IoT solutions in telecommunications networks.
- Explored the fundamentals of wireless communication technologies, including 2G, 3G, 4G, and their applications.
- Received comprehensive training in the design, installation, and maintenance of fiber optic networks.

Kalyani, West Bengal

CodeClause | Web Development Intern

Jul 2023 – Aug 2023

- Made comprehensive weather application by leveraging HTML for structuring, CSS for styling, JavaScript for dynamic functionality and ReactJS for enhanced interactivity.
- Tech Stack* : HTML, CSS, JavaScript, ReactJS, OpenWeather API

Howrah, West Bengal

PROJECTS

Landing Page Website

Created a dynamic landing page which showcases the diverse array of vegetables, fruits, and grocery items.

Tech Stack : HTML, CSS, JavaScript

A secure IoT based healthcare framework powered by Asymmetric fuzzy cryptography.

Developed a secure IoT-based healthcare framework, incorporating cutting-edge security measures through the integration of Asymmetric Fuzzy Cryptography. Led the implementation of robust security protocols to ensure the confidentiality and integrity of healthcare data in the IoT ecosystem.

Tech Stack : Python, Django, MySQL

Automatic Vacuum Cleaner

Designed and implemented an automated vacuum cleaner using Arduino Uno which autonomously navigate and clean spaces.

Tech Stack : Arduino Uno, C- Language

POSITION OF RESPONSIBILITY

- Vice Captain of ECE department cricket team*, demonstrated leadership, teamwork, and organizational skills. Playing a pivotal role in fostering team cohesion, strategizing game plans, and contributing to overall success, this experience reflects my commitment to collaboration and effective communication.