

SAYANTAN PAUL

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Technical Skills

Languages/Library: C++, Python, HTML/CSS, JavaScript, React JS, Typescript, Scrapy, SQL
Data-Driven Advancements:: Machine Learning
Data Analysis and Visualization: NumPy, Pandas, Sklearn, Matplotlib, Seaborn, Power BI
CS Fundamentals: Database Management System, OOPS
Technologies/Frameworks: Jupyter Notebook, VS Code

Experience

CIPET:CSTS-Agartala

Jun2023 - Jul 2023

Summer Trainee

- Successfully completed 3 weeks training programme in the area of Tool room at CIPET: CSTS-Agartala.
- My training equipped me with comprehensive knowledge and hands-on experience in the entire injection moulding process, from the design and preparation of moulds to the actual production of latex cups.

Projects

Web Portfolio: [🔗](#)

- I have demonstrated my skills in front-end development using HTML, CSS, and JAVASCRIPT.
- Applied responsive design principles to ensure seamless user experience across various devices and screen sizes.
- Successfully connected my project using Node.js as the backend framework, ensuring seamless communication with MongoDB databases.
- Finally I successfully hosted my web portfolio on the railway's server.

Tic Tac Toe: [🔗](#)

- This Project is done with HTML, CSS and JAVASCRIPT
- It is played by two people who take turns marking on X or an O on a 3x3 grid.
- The first person to mark three of their signs in a horizontal, vertical, or diagonal row is the winner.

Heart Attack Predictor: ML & Web Integration [🔗](#)

- This project consists of a dataset containing different human body factors.
- I had to first make the data suitable to fit in a simple predicting ML model.
- It will predict the person's death by calculating the probability of death by using criteria like age, anaemia, diabetes, etc. in the ML model.

Fuel Consumption Analysis with Power BI [🔗](#)

- Global fuel consumption analysis dashboard leveraging Power BI, offering insights from countries worldwide for comprehensive understanding and comparison.

Education

B.Tech in Production Engineering

2020 – 2024

National Institute of Technology Agartala, Cgpa-8.37

Agartala, Tripura

Senior Secondary (XII) science

Year Of Completion– 2020

Hindi Higher Secondary School (CBSE Board), Marks Obtained - 74.2%

Agartala, Tripura

Secondary (X)

Year of Completion – 2018

Tripureswari Vidyamandir (CBSE Board), Marks Obtained - 85.8%

Agartala, Tripura

Achievements / Certificates

CNC Pen Plotter Machine:

Annual Tech Fest, Aayam 2.0

- Successfully built a CNC-Plotter machine in Technical Fest that can draw any 2D figures. [🔗](#)

MySQL Certificate:

HackerRank

- Completed MySQL(Basic) course from HackerRank [🔗](#)