



Projna Sadhukhan

Roll No.:002010801186

B.E. Electrical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E. (EE)	Jadavpur University, Kolkata	8.244	2020-2024
Senior Secondary	WB Board	95.0%	2020
Secondary	WB Board	90.71%	2018

EXPERIENCE

- Integrated Test Range, DRDO** Jun 2022 - Jul 2022
Research Trainee Chandipur, Odisha
 - I worked under Dr. Sourav Kaity, Scientist-'F', Group Head of RTDP (Real Time Data Processing) group, Integrated Test Range. I worked on the project entitled Real-time Visualisation of Aerial Trajectory Using GLG. I implemented a user-interactive application that receives data from two chains of server using a UDP socket so that loss of a few packets of data doesn't affect the functioning of the whole system. The application can establish a connection with the server in multicast mode or unicast mode as per the client's input for displaying the transmitted data in the form of a graph. The implemented software handles data for 100 sensors and 5 Aerial vehicles and plots the received data in the form of a graph or chart without much latency.
- Haldia Energy limited** 20th Mar 2023
Industrial Visit Haldia, West Bengal
 - The industrial visit to Haldia Energy Limited was a remarkable experience that offered a comprehensive understanding of power generation and the company's commitment to sustainable practices. Witnessing the advanced technology and infrastructure in action was both educational and inspiring. The visit provided a practical perspective on the energy industry, promoting awareness of environmental conversion and the importance of responsible energy generation.

PROJECTS

- Chat Application using Socket Programming** Jul. 2023
Implemented a user interactive chat application
 - Tools & technologies used:** Java Swing, Socket Programming
- Real-Time Weather Data with Weather API** Jun. 2023
Weather forecasting is the application that predicts the state of the atmosphere for a given location. [YouTube Url]
 - Tools & technologies used:** HTML, CSS, JS
- Personal Portfolio Website** Jun. 2023
Interactive Portfolio Website showcasing my work, skills, projects, and experiences. [YouTube Url]
 - Tools & technologies used:** HTML, CSS, JS

SKILLS

- Programming:** C/C++, SQL, Java Swing
- Web Skills:** HTML5, CSS3, JavaScript, Web Server
- Subjects:** DBMS, Computer Network

ACHIEVEMENTS

- SVMCM** Receive Swami Vivekananda Scholarship of 60k per year from West Bengal Govt. 2020 - 2024
- WBJEE** Secured GMR 5882 among 113 thousand candidates 2020
- JEE MAIN** Secured 75.6 percentile among 8 lakh candidates 2020