

Education

Netaji Subhas University of Technology (NSUT)

2020 - 2024

Bachelor of Technology, Instrumentation and Control Engineering | GPA: **7.78**

Minor in Robotics and Artificial Intelligence

- **Relevant Coursework:** Computer Programming, Database Management Systems, Design and Analysis of Algorithms, Essential Mathematics for Machine Learning, Data Science

Summer Fields School

Class 12: **96%**

Central Board of Secondary Education (CBSE)

2019 - 2020

Class 10: **90.8%**

Central Board of Secondary Education (CBSE)

2017 - 2018

Work Experience

Full-Stack Intern | BSES Rajdhani Power Limited (New Delhi)

June 2023 – July 2023

- Successfully completed a project focused on developing a Consumer Indexing Website for Energy Auditing, utilizing the .NET framework [Certificate](#)
- Implemented features to efficiently gather and manage consumer information

Summer Intern | Omspace Rocket & Exploration Pvt. Ltd. (online)

June 2022 – Aug. 2022

- Concluded Summer Training program focused on development of Space Launch Vehicle [Certificate](#)

Technical Skills

- C/C++
- Python
- MATLAB
- SQL
- Data Structures and Algorithms
- C#
- HTML
- LTSpice
- CSS
- JavaScript + jQuery
- AJAX
- .NET
- Arduino
- Git
- Machine Learning

Projects

Laptop Price Prediction Model | Python, Regression, ML, Jupyter

[GitHub](#)

- Developed a Machine Learning model on laptop price prediction and deployed it as a website
- Utilized various regression tools and selected most efficient one as the prediction model

Leads Tracker: Chrome Extension | HTML, CSS, JS

[GitHub](#)

- Conceived and engineered a Chrome extension using JavaScript to efficiently save website URLs
- Engineered a solution to compile a list of targeted leads for business expansion from any visited website

Facial Recognition Attendance System | Python, OpenCV

[GitHub](#)

- Built a project on Attendance marking System using Facial Recognition in Python
- Leveraged OpenCV package to implement facial detection and recognition algorithms

Railway Reservation System | C++

[GitHub](#)

- Designed and implemented a comprehensive Railway Reservation System in C++ allowing employees to efficiently manage train schedules and enabling customers to reserve and cancel tickets

Clock with JavaScript | HTML, CSS, JS

[GitHub](#)

- Created a dynamic webpage showcasing time in analog clock format, leveraging CSS for visually appealing transitions and animations

Awards/Achievements

- Secured a certificate in Python from Hackerrank by giving Hackerrank skills test [HackerRank](#)
- Achieved a certificate in Problem Solving (DSA) from Hackerrank skills test [HackerRank](#)
- All India Topper in the course Developing Soft Skills and Personality conducted by NPTEL with an impressive score of 80/100 [NPTEL](#)
- Received a certificate in qualification round of Google Hash Code 2022 [HashCode](#)
- Earned a certificate in two rounds of Google Code Jam 2022 [CodeJam](#)
- Obtained a certification in HTML, CSS and JavaScript from Udemy [Udemy](#)

Bachelors Training Project

Efficiency Enhancement Techniques for Bifacial Solar Panels

2023-2024

- Performed detailed analysis on increasing maximum power output of Bifacial Solar Panels

Position of Responsibilities

Nakshatra- Maths and Astronomy society of NSUT | Director of Graphic Design

Aug. 2021 - Present

Delhi Government Desh Ke Mentor (Tutoring underprivileged students) | Mentor

Oct. 2021 - Present