

YASHARTH SHARMA

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EDUCATION

B.TECH (Electrical Engineering)	2020-2024	Delhi Technological University, New Delhi	8.81 CGPA *
AISSCE/CBSE (Class XII)	2019	Pandit Deen Dayal Upadhyaya Saraswati Mandir Inter College, Lakhimpur-Kheri	91 %
AISSCE/CBSE (Class X)	2017	Kendriya Vidyalaya, Lakhimpur-Kheri	10 CGPA

*till 6th semester

ACADEMIC PROJECTS

- **Personal Portfolio Website** (ReactJs)
 - Designed and developed a **responsive** personal portfolio website using **ReactJs** framework and **Bootstrap** for providing a high-dimensional and attractive look to the website
 - Showcased **personal details, skills, projects, social media links**, and **contact form** along with **responsive navbar** and **footer**
- **Weather Application** (ReactJs, Bootstrap, Open Weather API) ([Deployment->](#))
 - **Weather details** of any location at fingertips, fetches data every hour from the weather API
 - Used **ReactJs** and **Bootstrap** to provide a user-friendly interface, enter any location on the search bar to get weather details like **temperature, wind speed, humidity**, etc
- **Stock Price Prediction** (Python, JupyterLab)
 - Collected and Preprocessed 5 years data of **Stock Prices** of Samsung Electronics for designing of the **Stock Prediction Model** (Libraries used- **Pandas, Matplotlib, Numpy, Scikit-learn, Keras** and **Tensorflow**)
 - Created a **Stacked LSTM model** using **75% training data**, predicted the future prices using the test data and compared the prediction with actual values by plotting the output
- **Currency Converter Application** (JavaScript, Exchange Rate API) ([Deployment->](#))
 - Converts Currency of any Country to the desired currency by fetching the data from exchange rate API which updates regularly according to the **real-time data**
 - Implemented using **Javascript** and designed using **Vanilla CSS** to provide a user friendly interface and a to the application

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Verilog HDL, HTML, CSS, JavaScript, Assembly Language, Java, Linux Shell Scripting, SQL
- **Software Tools:** MATLAB-SIMULINK, MS Visual Studio Code, Anaconda, JupyterLab, Linux, MySQL, PostgreSQL
- **Technologies/ Frameworks:** ReactJs, NextJS, NodeJS, PowerBI
- **Computer Science Core Subjects:** Data Structures, Computer Organisation and Architecture, Operating Systems, Data Warehousing & Data Mining, Algorithm Design & Analysis

ACHIEVEMENTS & CERTIFICATIONS

- Secured a percentile of 97.45 among 1.2 million students who appeared for JEE Mains 2020
- Achieved 5 star rating in C++ and 4 star rating in Problem Solving on [Hackerrank](#)
- Solved over 200 problems across platforms like Leetcode, Codechef and Hackerrank
- Certificate - [Coding for Everyone: C and C++](#) (Coursera, University of California Santa Cruz)

POSITIONS OF RESPONSIBILITY

- **Class Representative** (August 2021- July 2022)
 - Efficiently managed the class with 60+ batch strength in both Online and Offline modes of Classes, and the interaction between Professors and the students throughout the 2 semesters

OTHER INFORMATION

- [Github](#)
- [LeetCode](#)
- [CodeChef](#)