

VAIBHAV VASHIST

Panipat, Haryana

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Education

Graphic Era University

2021 - 2025

Bachelor of Technology in Computer Science and Engineering (CGPA of 9.12)

Dehradun, Uttarakhand, India

Army Public School

2021

12th (percentage:-95.6)

Ambala Cantt, Haryana, India

Technical Skills

Languages: C/C++ , Python, HTML/CSS, JavaScript, SQL

Technologies/Frameworks/Libraries: ExpressJs, ReactJS, MongoDB, Hadoop, Google cloud platform

Projects

InoGenn | *HTML, CSS, JS, Reactjs* | code | (April 2024-June 2024)

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- Built a responsive and user-friendly interface using **React**, enabling users to create and manage invoices efficiently
- Utilized **React's state management** to handle dynamic data updates, ensuring real-time synchronization across the application
- Enabled users to export invoices as PDF files, utilizing libraries such as **jsPDF**.
- Designed modular and reusable components to ensure code maintainability and scalability.

Dumbot- A discord Bot | *Python, discord.py library, FFmpeg* | code | Discord Server | Personal (July 2023-Aug 2023)

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- Developed and deployed a feature-rich music bot named "Dumbot" on the Discord platform using **Python** and **Discord.py library**.
- Implemented functionalities such as playlist management, song queuing etc. using **FFmpeg** and **youtube.dl** library to provide an enjoyable user experience.

Stock Price Prediction Using Artificial Intelligence | *Python, Machine Learning* | Source Code | (Jan 2022-Mar 2022)

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- Orchestrated the creation of a cutting-edge stock price prediction algorithm by extracting data from Yahoo Finance and implementing Python for LSTM neural networks; meticulously handled data preprocessing, model construction, training, and testing, leading to a 0.5percent increase in accuracy.
- Achieved a robust predictive model, evaluated using **MSE and RMSE**, and visualized results effectively using **matplotlib**.
- Demonstrates strong skills in data analysis, deep learning, and data visualization.
- Primarily used pandas, numpy , matplotlib , keras from tensorflow and seaborn libraries.

ML-Based Intrusion Detection System for TCP/IP DDoS Attacks on IoT Networks | *Random Forest*

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- Designed and implemented a machine learning-based IDS to detect TCP/IP DDoS attacks on IoT networks, leveraging tools like **Wireshark and tcpdump** on Kali Linux for data collection and preprocessing
- Extracted and engineered features from network traffic data, and trained multiple machine learning models including **Random Forest**, achieving high accuracy in distinguishing between normal and attack traffic

Links

- Leetcode, Portfolio, GitHub

Course

- Operating System, DBMS, Compiler Design, Computer Networks, DSA, DAA, Full Stack Web Development

Achievements/Certificates

- Top 15% on Leetcode Contests
- Course on Web Developer Link
- AI Course Link
- Data Science course Link
- Google cloud essentials Link