Abhinav Singh Mehra

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Education

Graphic Era Hill University (Dehradun Campus) Computer Science
Engineering BTech

Dehradun, India ,
Oct 2020 - June 2024

Naini Valley Senior Secondary School Class XII CBSE Percentage:

Haldwani,Uttarakhand, India
2018 - 2020

Naini Valley Senior Secondary School Class X CBSE Percentage:

Haldwani,Uttarakhand, India
2016 - 2017

Experience

Oasis Infobyte | FullstackIntern
- Developed a full-stack application allowing students to post problems, submit solutions, and rate problems.
- Responsive design principles, ensuring cross-device compatibility, using Styled Components.
- Led a collaborative team effort to architect and implement the website using cutting-edge technologies.
- Responsive design principles, ensuring cross-device compatibility, using Styled Components.
- Collaborated with the team to develop, organizes and presents products in a user-friendly manner leveraging MERN stack technology.

Data Science Intern
- Developed various data science projects and utilized development tools effectively..
- Completed assigned projects and collaborated with the team and team work to play with data.
- Led a collaborative team effort to architect and implement the data science and machine learning tech.
- Collaborated with the team to develop, organizes and presents products in a user-friendly manner leveraging data technology.

Projects / Open-Source

Portfolio Website with Next.js and Framer Motion
- Designed and animated Portfolio Website with **Next.js ,Framer Motion , Tailwindcss, Typescript**
- Beautifully animated portfolio website that is used to present the about the user and display their skills and projects , achivements, and tells about the user
- Designed and developed highly responsive frontend user interfaces utilizing the of Next.js, Framer Motion

CryptoHome | Website to track and Analyse Crypto using React.js , Node.js
- Website and app that tracks digital currency markets and provides fundamental analysis. It offers a comprehensive toolset for tracking crypto prices, market cap, and other data, and provides insights into market trends. It is is a web application designed to track the real time price of cryptocurrency. It provides a price chart, current price, 24 hours price change and market rank on cryptocurrency.
- Designed and developed highly responsive frontend user interfaces utilizing the power of **React.js**
- Designed a website that fetches data from CoinGecko i.e **CoinGecko api**, gets all the updated data insights .

Projects MR.S | Movie Recommendation System
- Designed and developed a web-based recommendation system to suggest movies based on user.
- Using the machine learning and the large data set of the movies will recommend the movies based on the movies they have already selected using **Python , machine learning and streamlit** .
- Designed and developed website for the user to get the recommendation on the basis of the users.

Skills

Programming Languages :	C, C++, Java, Python, Javascript .
Libraries/Frameworks :	React.js, Node.js ,Next.js,Express.js .
Databases :	MongoDB, MySQL,PostgreSQL .
Familiar skills :	Java,React Native, TypeScript .
Web Development :	Html,CSSJavaScript,Fask,TailwindCSS
Soft Skills :	Problem Solver,Team Player, Communicator,Adaptable,Easy to work with

Honors & Awards

Wrote and presented a research paper 2024 on "**Machine Learning Weather Forecast**" . Solved multiple coding problems on platforms like LeetCode, GeeksforGeeks, etc School IT Captain for the CSE and IT Department, Best amateur speaker in Model in college, and participate in multiple group related activities.