

Ajay Raj Singh

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EDUCATION

Indian Institute of Technology, (BHU)

Bachelor of Technology - Mining Engineering, CGPA - 7.92/10

Varanasi, India

July 2019 – Present

Shri Ram Kisan Inter College

Board of High School and Intermediate Education Uttar Pradesh (XII) - 84.60%

Amroha, India

2017 – 2018

SKILLS

Languages: C, C++, Python, JavaScript.

Libraries And Frameworks: NodeJS, Express.js, React.js, Bootstrap.

Tools And Technologies: VS Code, CodeBlocks, Git, GitHub.

Areas Of Interests: Competitive programming, Data Structures And Algorithms, Web Development.

Courses: The Complete 2022 Web Development Bootcamp by Angela Yu.

PROJECTS

Real Time Chat Application

June' 21 – July' 21

- Developed a fully-fledged Chat Application using **HTML**, **CSS**, **Javascript**, **React.js** and **Socket.io**.
- Integrated additional functionalities like **sound notification** and **image support**.
- Users can **chat personally** with users and can create **multiple rooms** on the application for **chat in groups**.
- Exposure:** **ReactJS**, **Socket.io**.

Cryptocurrency Finance price tracker Application

May' 21 – May' 21

- Developed a Cryptocurrency Finance price tracker application using **React.JS** and **Coingecko API**.
- Deployed **React hooks** to track the state of components, and **Axios** to make calls to **API**.
- Users can view **live status** of cryptocurrencies, such as their **price**, **volume**, and other **market-related data**.
- Exposure:** **ReactJS**, **Axios** and **Coingecko API**.

Notes Keeper Application

Feb' 21 – Mar' 21

- Developed a Notes Keeper application using **hooks** and **states** in **React.js**.
- Created separate components for **notes**, **input area**, **header**, and **footer**.
- Added the features to **dynamically add and delete notes** by passing required parameters to the components.

POSITION OF RESPONSIBILITY

Public Relations Co-ordinator | MinFest20, IIT (BHU)

Feb' 20 – Apr' 20

- Contributed as a **Co-ordinator** in Public Relations team of Festival of **Mining Engineering Department**.
- Searched for potential **chief guests** from various organizations related to the **Mining field** for **guest talks**.

Publicity Co-ordinator | Jagriti' 21

January' 21 - March' 21

- Planned and coordinated the **PAN India** event, which received a footfall of **100+** participants.
- Handled end to end execution of workshops on topics like **Social Entrepreneurship** and **Call a student** event.

HONOURS AND ACHIEVEMENTS

- Secured **6th Position** in **Bulls on the Floor (TECHNEX'21)** by analyzing the **stocks prices**.
- Global rank 184** in **Codechef August lunchtime challenge 2021**.
- Global rank 282** in **Codechef July long challenge 2021**.

EXTRA-CURRICULAR ACTIVITIES

- Volunteer** of **Sahyog Club** IIT (BHU) , a student driven club aimed to help underprivileged children.
- Participated in **SpyBits Coding Event**, **Udyam'21** (Festival of Electronics Department, IIT(BHU)).