Harshit Pratap Singh

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EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION NOIDA
B.Tech in Computer Science
Expected July 2023 | Noida
CGPA: 7.6

JYOTI NIKETAN SCHOOL
Class 12
Grad. May 2018| Azamgarh, India
82.2%

JYOTI NIKETAN SCHOOL
Class 10
Grad. May 2016| Azamgarh, India
93.5%

CODING PROFILE

Codechef:// harshit_1010(1605)
Codeforces:// harshit_1010(1092)
LeetCode:// harshit_1010
Stopstalk:// harshit_1010

SOCIAL LINKS

LinkedIn:// harshit-pratap-singh
GitHub:// Harshit-Pratap-Singh

COURSEWORK

UNDERGRADUATE
- DBMS
- Operating Systems
- Web Technology
- OOPS
- Data Structures,Algorithms

SKILLS

PROFICIENT
- C/C++
- Data Structures, Algorithms
- Problem Solving

FAMILIAR
- ReactJS
- Node.js
- ExpressJS
- Socket
- WebRTC
- Mongoose

WORK EXPERIENCE

MAXTAP | SOFTWARE ENGINEER INTERN 🔗
Feb 2022 – April 2022
- Implemented **in-feed video ads** for internal testing resulting in better product delivery.
- Successfully established **dashboard for content curators** for human filtering.
- Collaborated with developers, designers and other cross-functional teams.
- Provided input to leaders about the future development of new features.

JSS WEBSITE 🔗
Nov 2021 – Jan 2022
- Created website for college in collaboration with **Microsoft Innovation Lab**.
- I played the part of **Frontend developer** and collaborate with the designers and other peer developers in creation of the components.
- Reduced page loading time by 65% by developing **ReactJs** application.
- Developed user interfaces with modern **Javascript frameworks, HTML5 and CSS** which improved user satisfaction.
- Used **git** and **GitHub** to distribute and backup code.

PROJECTS

CRACKIT 🔗
- Build an **Video Chat Application** for taking interviews with an **inbuilt online IDE** for running JAVA , C++,PYTHON programs .
- It also has **inbuilt messaging** feature which is achieved by using RTCDataChannel for low latency messaging between the peers.
- **ReactJS** is used for **frontend** and **NodeJs** in the **backend**, for establishing **peer to peer** connection **WebRTC** and **socket.io** are used.

ONLINE IDE 🔗
- An **online IDE** for running JAVA , C++,PYTHON programs.
- For **frontend** part **ReactJS** is used and in **backend NodeJS** in which **child-process exec()** is used to execute **shell commands** for compiling codes.
- **Docker** is used to make necessary compilers available to the backend.

CRYPTO PRICE TRACKER 🔗
- Build a website to show various crypto coins' current market price and show **BTC charts(Chart.js)** to understand more about the current market price of that crypto coin.
- Use **ReactJs** for frontend and **Axios** to retrieve data from an API.
- Implemented the **React Router DOM** to allow nested **RESTful** routing.

VIDEO CHAT APPLICATION 🔗
- A video chat application made using **Websockets** and **WebRTC**.
- In a room two users can have a video call with a **end call button** and can **mute audio and video**.

AMAZON CLONE 🔗
- It's an **Amazon clone** with **basket, login(using Firebase) page, order listing, payment processing(Stripe)** , etc.
- Used **Firebase** for **Database** and **user authentication** .