Kshitij Pandey

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PROJECTS

1) CUHP App – An android app for Central University of Himachal Pradesh   **May 2024**

Android Studio, Advanced JAVA, FIREBASE – GitHub **Link**

- Designed and developed CUHP app using **Java** with **Firebase** backend for faculty details, notices, event gallery.
- Implemented secure **user authentication** for authorized access reducing unauthorized access by **90%**.
- Ensured scalability, performance, and security through optimized architecture and robust authentication mechanisms.
- Potential cross-departmental application, benefiting **200** students and **75** faculty members across **10** departments.

2) Chatfinity – Real time chat application   **Feb 2024**

HTML, CSS, NodeJS, ExpressJS, Socket.IO – GitHub **Link**

- Developed Chatfinity app using **HTML/CSS** for frontend and **Node.js** with **Express** for backend, enabling real-time communication for over **100** users.
- Incorporated **Socket.IO** for seamless real-time chat functionality, facilitating instant messaging with latency under **200ms**.
- Implemented user-friendly interfaces and features, ensuring smooth navigation.
- Simultaneous support for up to **4** users, enhancing collaborative capabilities by **30%**.

3) Personal Portfolio – Live on Vercel   **Jan 2024**

HTML, CSS, Javascript

- **Responsive** web design principles, making the website accessible and visually appealing on desktops, tablets, and mobile devices.
- Deployed the website live on **Vercel**, ensuring high availability, scalability, and a seamless deployment process for visitors.

SKILLS

- C++, C, JAVA, PYTHON
- **Frontend -** HTML, CSS Bootstrap, Tailwind, React, Javascript
- **Backend –** ExpressJS, NodeJS, Socket.IO, PHP
- Git, GitHub, Version Control, **Docker**, **Vercel**
- Firebase, MYSQL, MariaDB
- Android Studio, VS Code, Linux (Ubuntu)
- **Leetcode Profile (**Contest Rating **1410**), **GFG , CodeChef** (Contest Rating **1220**)
- **50+** Contributions on **GitHub**

EDUCATION

-**Central University of Himachal Pradesh, Himachal Pradesh**   2022-Present
M.C.A **(77.15%)**

-**Birla Institute of Technology, Mesra, Ranchi**   2019-2022
B.C.A **(80.80%)**