Harjot Singh

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EDUCATION

Chandigarh University   CGPA: 7.07
Bachelor of Technology in Computer Science and Engineering   *2021-25*

Lawerance Public School   Percentage: 83.6
Central Board of Secondary Education(C.B.S.E)   *2008-20*

EXPERIENCE

Frontend Developer   Jan 2023 - May 2023
Pixis Media Solutions   *remote*
- Integrated findings from usability tests into collaborative interface designs alongside product managers and designers, directly addressing the three key issues negatively impacting customer engagement metrics on the platform.
- Contributed to the development and maintenance of Pixis Media's website, increasing site traffic by 15% and improving load times by 20%.

Hackoverflow 4.0   March 2022
IEEE Hackathon   *Punjab, India*
- Implemented an augmented reality prototype for interior design, enhancing user engagement by 30% and allowing 100+ design visualizations.
- Secured 2nd place out of over 100 participants in the Hackoverflow 4.0 competition by developing a unique solution to a complex coding challenge.

PROJECTS

Online Code Compiler | Live | Code
- Created an online compiler using React, enabling code compilation in over 40 programming languages.
- Integrated Piston API for code compilation and execution, supporting over 500 custom data inputs daily; reduced average execution time by 15%
- Leveraged Context API for efficient state management, reducing unnecessary re-renders by 30%
- **Skills** :- React, Context API, Tailwind CSS, Piston API.

Realtime Chat Application | Live | Code
- Developed a real-time chat app for 200+ users, reducing message delivery time by 15% and improving system reliability by 20%.
- Implemented Firebase Authentication for user sign-ins and sign-ups, handling 500+ users daily and improving authentication speed by 20%.
- **Skills** :- React, Firebase Functions, Firebase Store.

Harjot.tech | Live | Code
- Developed a personal portfolio website using Next.js, TypeScript, and Sanity.io CMS, which showcases my current and past projects.
- **Skills** :- Next.js, Sanity.io CMS, Typescript, Framer Motion, Vercel, Deployment.

TECHNICAL SKILLS

Languages: C/C++, Python, GDScript, Java, Javascript, HTML+CSS
Web Dev Tools: React, Tailwind CSS, Docker, Git, Github
Frameworks: NextJS, ExpressJS NodeJS, Godot engine, Ursina engine
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

ACHIEVEMENTS

- Earned IBM Full Stack Developer Specialization in web development and cloud technologies.
- Solved 400+ DSA problems and achieved a rating of 1400+ on Leetcode
- 5 Star badge on Hackerrank