DEEPAK KUMAWAT

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EDUCATION

National Institute of Technology, Hamirpur — **Nov. 2022 – July 2026**
*B.Tech - Computer Science and Engineering - **CGPA - 9.08*** — *Hamirpur, Himachal Pradesh*

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Dart, Python
Technologies/Frameworks: HTML, CSS, Flutter, ReactJs(Intermediate), MongoDB, Express, Javascript, NodeJS, Bootstrap, NextJs(Intermediate), Docker, Git
Developer Tools: VS Code, GitHub, Figma, Firebase, Google Cloud Platform, Android Studio, Canva, Gemini
Relevant Coursework: Data Structures, Operating Systems, Object-Oriented Programming System, Computer Architecture, System Design

PROJECTS

BoxHole ↗ | Python, C++, Docker — **Feb. 2024 - Present**

- Engineered a Python application leveraging YouTube as an unlimited storage solution, embedding file binaries as black/white pixels.
- Achieved storage of up to 45GB of data per hour YouTube video. Introduced video decoding algorithms that restored files with 99% accuracy.
- Moved some codebases to C++ and wrapped them in Python for increased program speed 3x.
- Executed a CLI app and Dockerfile that streamlined installation processes and reduced setup time by 40%.

DeStream - Streaming App ↗ | Flutter, WebRTC, Firebase, Firebase Firestore — **Oct. 2023 - Feb. 2024**

- Architected and implemented a cutting-edge live streaming application using Flutter, achieving a 30% increase in impressions compared to previous chat only applications.
- Developed secure real-time chat, screen sharing, and camera switching functionalities; enhanced user interaction by 14% and decreased support inquiries by 25%, significantly improving overall user satisfaction.

Portal - Anonymous Chatting Platform ↗ | Flutter, Firebase, Cloud Firestore — **Nov. 2023 - Feb. 2024**

- Created a Flutter-based mobile application, Portal, designed to provide users with a secure and anonymous chatting experience. Achieved 2X impressions Relative to normal chat apps within the first months of launch.
- Engineered end-to-end encryption protocols that ensured 99% message security and privacy. Established a user-friendly interface resulting in a 30% increase in user retention rates Different from similar apps

CoolWalls - A Wallpaper App ↗ | Flutter, Firebase, Firebase Firestore, API — **Apr. 2023 - Oct. 2023**

- Launched 'CoolWalls,' a cutting-edge wallpaper app showcasing a curated collection of over 5,000 high-quality wallpapers.
- Regularly updated the app with fresh and appealing wallpapers to keep the content engaging.
- Provided a cost-effective solution with free downloads, resulting in over 1000+ impressions within 3 months.

LEADERSHIP EXPERIENCE

- Co-founded and hosted TheSkillShow Podcast, curating a transformative platform that celebrates the extraordinary talents and expertise of individuals from various fields.
- Spearheaded the creation and management of TheSkillShow Podcast, collaboratively overseeing all aspects including content creation, technical management, and video editing.

INTERESTS

- Programming
- Content Creation
- Entrepreneurship
- Cricket