Gurshabadpal Singh

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EDUCATION

Chandigarh University   **Mohali,Punjab**
B.E CSE   *2023 - 2026*
R and D Polytechnic College   **Ludhiana,Punjab**
Diploma in CSE   *2021 - 2023*

TECHNICAL SKILLS

Programming Languages: Python, C/C++ , Java , Javascript , HTML , CSS , Motoko , Solana
Libraries and Tools: React , NextJS , Unity , Unreal , ICP , PyTorch, Sklearn, Pandas, Numpy, OpenCV, Git, Docker

WORK EXPERIENCE

Web Dev Trainee
Sandvok Solutions   *Aug 2022 - September 2022*

- Worked on Freelance Projects with experienced devlopers
- Worked on 3 projects in the span of two weeks
- Colaborate with large team over **Slack, Discord and Telegram**

Leader
ARCHers , Mohali, Punjab   *March 2024 - Present*

- Led a team of college students in hackathon competitions, fostering a collaborative and results-oriented environment
- Demonstrated exceptional learning agility by using **Unity** for 3 hackathons , resulting in Top 3 in 2 hackathons and top 10
- Served as the lead **web** developer and support **flutter** dev , ensuring successful development and execution of **web/app -based** solutions for hackathons.

Chapter President
Geekroom, Chandigarh University , Mohali   *March 2024 - Present*

- President of GeekRoom in Chandigarh University, a professional society focused on student development.
- Led a team of volunteers to organize workshops, events, and mentorship programs.
- **Mentored** students on technical skills and career development, providing guidance and support.

PROJECTS

- **ARCHers Vision**, Developed Archers Vision (**Unity**) for Techminds (IITM Delhi) hackathon, achieving runner-up. This app offers a **VR** experience similar to Apple Vision Pro at a fraction of the cost (**0.1%**) using affordable VR headsets and innovative MR features. The project's website is hosted on the secure **ICP** blockchain mainnet
  GitHub
- **ICP Kart**, Awarded solo developer for a Go-Kart game built in **Unity** at the Hashmine Hackathon. This project pushed the boundaries by deploying on the latest **dfx version (0.17.0)** while existing documentation used **0.15.0**. The game runs on the **ICP** mainnet, showcasing my ability to work independently, adapt to new technologies, and **deploy** on a **blockchain network**. Try it!
- **ARCHers Assemble**, Led the development of "ARCHers assemble," a **3D open-world Marvel superhero game** built with **Unity** at the TechNovate Hackathon (UIET), securing **3rd place**. This innovative project allows players to take control of their favorite Marvel superhero as an **NFT**, creating a unique ownership experience within the game world. Additionally, the game is deployed on the **ICP** mainnet. GitHub
- **Form Forge**, Developed "Form Forge," a runner-up project at the Next Quantum (IoT-focused) hackathon. This personal **AI** fitness trainer with **metaverse** capabilities uses **MediaPipe** for pose detection, syncing with a virtual avatar (Unity) to track exercise form. The project integrates with fitness watches, awards **blockchain tokens** for progress, and allows for social exercise with friends in a virtual environment. This innovative software solution stood out amongst hardware-focused competitors. See it!

EXTRACURRICULAR ACTIVITIES

- **ISTE BEST STUDENT AWARD 2023** - CHANDIGARH UNIVERISY
- **EXECUTIVE MEMBER** - IEEE CUSB