Sachin

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EDUCATION

- **Lovely Professional University** — Punjab, India
  Master Of Computer Application — GPA: 8.83
- **Panjab University** — Chandigarh, India
  Bachelor of Computer Application — Percentage: 71%
- **Kendriya Vidyalaya 3BRD** — Chandigarh, India
  Intermediate — Percentage: 85%

SKILLS

- **Languages:** C++ | Python | Java | Kotlin
- **Frameworks:** ReactJs | Flask | AndroidSDK
- **Tools/Platforms:** Git | Github | XAMPP | CI/CD
- **Databases:** MySql | SqlServer
- **Fundamentals:** OOP | Operating Systems | DBMS | Computer Networks

PROJECTS

- **TrackAll | Android, Kotlin, XML** May 2025 – Present
  - Built a calendar-based expense tracker with a dynamic week-view layout for daily expense visualization.
  - Integrated Room Database with LiveData for **real-time filtering**, reducing query response time by **~40%** compared to static lists.
  - Developed core expense operations (add, edit, delete) with RecyclerView and Material Design UI.
  - Enhanced app performance and maintainability through modular MVVM architecture.
- **InkWiz | Python, Flask, HTML/CSS/JS** Jul 2025 – Aug 2025
  - Built a full-stack web app for OCR and grammar correction with **95%+ accuracy** using Google Gemini API.
  - Implemented Flask backend for **image uploads and text processing** in English and Hindi.
  - Designed a responsive single-page frontend with drag-and-drop uploads and **query history** via local storage.
  - Deployed on Render with **CI/CD via GitHub**.
- **FlapFlap | Unity Engine, C#** May 2024 – Jun 2024
  - Recreated the viral mobile game *Flappy Bird* using Unity's 2D physics and rendering pipeline.
  - Scripted player controls, procedural obstacle generation, scoring, and collision-based game-over logic in C#.
  - Implemented a complete game loop with start, gameplay, and game-over states for seamless play.
  - Built and compiled the project into a standalone **Windows .exe** for distribution.
- **BookBounty | PHP, SQL, JavaScript, HTML/CSS** Feb 2024 – May 2024
  - Built a **role-based book portal** with author, reader, and admin modules.
  - Developed a **modular PHP/SQL backend**, cutting manual admin effort by **~30%**.
  - Added **asynchronous JS updates**, improving content load speed by **~25%**.
  - Designed a **responsive UI**, achieving **~95% mobile usability** across devices.

CERTIFICATES

- 🔗 Build Your First Android App – Coursera August 2025
- 🔗 Python 101 For Data Science – Cognitive Class August 2025
- 🔗 C++ with DSA –GeeksForGeeks July 2025
- 🔗 Java(Basic) –HackerRank July 2025

ACHIEVEMENTS

- Finalist at Code-a-Haunt, a state-level inter-university hackathon by CodingBlocks LPU.
- Recognized on Dean's List for consistent academic performance (MCA)

CODING PROFILE

- LeetCode
  - 220+ Questions Solved