

Sachin

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SKILLS

- **Languages:** C++ | Python | Java | Kotlin
- **Frameworks:** ReactJs
- **Tools/Platforms:** MySql | SqlServer | Git | Github
- **Soft Skills:** Critical Thinking | Adaptability | Problem Solver

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 **Docker containerization and 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.

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. February 2025

CODING PROFILE

- LeetCode 
 - 220+ Questions Solved

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%