

# Akshit Mehrotra

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## Professional Summary

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**Software Developer** with a strong passion for **innovative problem-solving** and a commitment to continuous learning. Experienced in building scalable applications using technologies like **React** and **Android**. Adept at adapting to new challenges, collaborating with teams, and delivering impactful projects with a **user-centric approach**. Constantly seeking opportunities to grow and apply diverse technical skills in dynamic environments.

## Experience

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### Specialist - Android

Noida, India

Standard Chartered Research & Technology (SOLV)

Aug 2024 – Present

- **Optimized Payment Integration:** Led the integration of **RazorPay SDK**, ensuring seamless switching between **RazorPay** and **PayU**. Developed a dynamic selection mechanism that improved **payment processing flexibility**, reducing **downtime by 30%**.
- **Enhanced Chat System:** Migrated **Freshchat Mobile SDK**, ensuring uninterrupted chat services. Implemented **real-time unread message tracking** and **customized notifications**, boosting **user engagement**.
- **Android 14 Compliance:** Upgraded the app to align with **Android 14** security policies, implementing the **Photo Picker API** and **new media permissions**, minimizing **security risks** related to user data.
- **Feature Development & Future-Proofing:** Worked across projects to fix bugs, integrate **Dynamic Filters API**, and explore **Android 15 features**, ensuring seamless adoption of **new APIs and UI/UX improvements**.

### Graduate Engineer Trainee - Android

Noida, India

Standard Chartered Research & Technology (SOLV)

Feb 2024 – Aug 2024

- **Android Development:** Gained hands-on experience with Kotlin, **MVVM architecture**, **Dependency Injection (Dagger/Hilt)**, **Retrofit**, and **Coroutines**, ensuring scalable and maintainable code.
- **Performance & Bug Fixing:** Resolved **cart checkout failures**, **major UI crashes**, and **variant selection issues**, improving **app stability by 40%** and reducing **user-reported complaints**.
- **Debugging & Optimization:** Identified and fixed **critical app crashes** and **cart functionality bugs**, refining **UI/UX smoothness** for seamless transactions.

## Education

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### Bachelor Of Engineering

2020 - 2024

Thapar Institute of Engineering and Technology, Patiala

- **Major:** Computer Engineering
- **CGPA:** 9.04 (Gold Medal First Year)
- **Scholarship:** Freshman & Sophomore Years

### Higher Secondary School

2018 - 2020

Modern Vidya Niketan, Faridabad

- **Subjects:** Physics, Chemistry, Mathematics, English
- **CBSE Percentage:** 94.6
- Got 100% Scholarship for 2 years.

## Projects

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### ExpenseTrackerWithRoomDB (Android)

*Aug 2024*

- Built an expense tracker app using Android's **Room DB** for data storage and real-time updates via **Live-Data**
- Designed an intuitive **UI** to enhance user experience, with features for categorizing expenses and tracking financial goals

### SneakPeekFullStack (React, Node, Express, MySQL)

*Oct 2023*

- Developed a full-stack e-commerce platform with **user authentication**, **product management**, and **order tracking**
- Ensured smooth **API communication** between the front-end and back-end with a **responsive design** for mobile and desktop

### H2Bro (Google Extension)

*Apr 2024*

- Developed **H2Bro**, a Chrome extension that periodically reminds users to drink water with **notifications**
- Designed a sleek **UI** that not only sends reminders but also shares engaging **water facts** to promote healthy hydration habits

### CricketBash (React Native)

*Jan 2024*

- Developed an interactive **cricket game** for kids with **simple controls**, **colorful animations**, and easy **gameplay mechanics**
- Designed the game to be **child-friendly** while providing **educational** and engaging gameplay

### RockPaperScissors Opencv

*Aug 2023*

- Developed a **Rock, Paper, Scissors game** with **OpenCV** in Python where you play with your webcam.
- Enhanced user experience with a smooth **interface** and real-time **gesture recognition**

### Chess App (Next.js)

*Jan 2025*

- Developed a **chess game** with a **battle-royale twist**, incorporating updates to the chess logic and **sound effects**
- Focused on enhancing the **user experience** with **real-time interaction** and smooth gameplay dynamics

## Technologies

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**Languages:** C++, C, Kotlin, SQL, JavaScript, Python

**Technologies:** OpenCV, Android Studio, React.js, React Native, Node.js, Next.js, Unreal C++, Linux, HTML5, CSS3