

Arman Siddiqui

+91-7526939315 | Armaanhasan378@gmail.com | Chandigarh, India | [in linkedin](#) | [github](#)

EDUCATION

Chandigarh Engineering College

Bachelor of Computer Science and Engineering

8 CGPA

Oct 2021 - Present

EXPERIENCE

Android Developer @CodeAlpha | Android, Java, XML, Firebase Cloud

April 2024 - July 2024

SDE Intern

(Remote)

- Developed a **College notification** app leveraging **Firebase Cloud Messaging** for instant notifications, enhancing communication efficiency by **50%** and ensuring timely updates.
- Collaborated with a team of developers, improving app performance and ensuring compatibility across multiple devices with **Google Cloud Services**.
- Enhanced **UI/UX** features, achieving a **30%** reduction in app load time and increasing user satisfaction scores by **20%** through optimization of the codebase in Android Studio.

CodeClause | Java, Firebase, Android SDK, Material UI

March 2024 - April 2024

Android Intern

Remote

- Generated an **Alarm clock** app using Java and **Android SDK** that allows users to set multiple alarms with customizable tones and snooze options.
- Merged **Material Design principles** to create a seamless and intuitive **UI/UX** for alarm management, enhancing user engagement by **40%** and improving overall usability by streamlining navigation.
- Customized features such as vibration feedback and **push notifications**, resulting in a **30%** increase in user engagement and a **25%** improvement in user retention rates.
- Optimized **battery performance**, reducing power consumption by **30%** to ensure reliable alarm functionality without excessive energy use.

PROJECTS

[Realtime Language Translator](#) | Java, NLP, Firebase, Google Translate API

[Source Code](#)

- Implemented a **Real-time** language translator app leveraging **Natural Language Processing (NLP)** techniques; improved translation speed, delivering results in under two seconds for over 50 languages using **Google Cloud Translation API**.
- Incorporated **voice detection** technology, achieving over **90%** accuracy in language detection and enhancing contextual understanding, which improved user satisfaction ratings by **35%**.
- Utilized **APIs** like **Google Cloud Translation**, enhancing translation capabilities and supporting over **50 languages**, resulting in a **40%** improvement in translation accuracy.

[Health Management Application](#) | Java, Firebase, Material Design, Mysql, XML

[Source Code](#)

- Engineered a comprehensive **Health management application** using **Android SDK**, enabling users to track over 15 health metrics daily while receiving tailored wellness recommendations based on individual data inputs.
- Designed a robust user authentication system and implemented end-to-end data encryption protocols, ensuring compliance with **HIPAA** regulations and safeguarding sensitive health data for over 1,000 registered users.
- Integrated **APIs** for real-time health data retrieval, which led to a **15%** improvement in users' health outcomes.

ACHIEVEMENTS

Among the **top 1.44%** of 22365 users, ranked 323/22365 users On GFG. **GeeksforGeeks:** [ArmaanSiddiqui11](#)

Attained **rating (4-star)**, **1900+ rating**, on GFG & Lc. **Leetcode:** [SenjuHashirama11](#)

Received a **certificate for excellence** in a hackathon competition.

TECHNICAL SKILLS

Languages: C, C++, Java, Python (Beginner), HTML, CSS

Technologies: Android Studio, Android SDK, APIs, Git, GitHub, Firebase, MySQL

Operating Systems: Windows, Linux (Kali)