

Akshit Singh

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EDUCATION

VIT Bhopal University

B.Tech in Computer Science and Engineering

2022 – Present

CGPA: 8.92 / 10

Delhi Public School, Indirapuram

Intermediate (Class XII)

2021 – 2022

91.2%

Delhi Public School, Indirapuram

High School (Class X)

2019 – 2020

91.2%

TECHNICAL SKILLS

Languages: Kotlin, Java, Python, C++, SQL

Backend & Cloud: Ktor, REST APIs, AWS, Firebase

Tools & Frameworks: Git, Room DB, Retrofit, Coil, Koin

EXPERIENCE

Cross-Platform App Developer

Client Project via Internshala (Remote)

Feb 2025 – Mar 2025

- Architected and deployed Android and cross-platform apps using Jetpack Compose Multiplatform.
- Engineered robust authentication flows using AWS Cognito, JWT, and token-refresh mechanisms.
- Developed scalable backend services with AWS Lambda, API Gateway, and DynamoDB.
- Implemented clean-architecture and MVVM patterns for modular, testable code.

PROJECTS

Breach Checker App

Kotlin, Compose, Ktor, StateFlow

- Engineered a domain breach detection app using HaveIBeenPwned API with Retrofit and Ktor.
- Integrated StateFlow and ViewModel for reactive, lifecycle-aware UI handling.

Phishknot – Phishing Detection Tool

Python, TensorFlow, Flask

- Designed and trained a CNN model to detect phishing based on URL, HTML, and JS features.
- Deployed the model via Flask API; evaluated using F1-score, precision, and recall.

Session Attendance System

Kotlin, Jetpack Compose, Room DB

- Designed an offline-first attendance tracker with Room DB and Flow.
- Utilized Coroutines and ViewModel for reactive state management.

Finance Tracker App

Kotlin, Room DB, MPAndroidChart

- Built a personal finance tracker with categorized transactions and dynamic charting.
- Applied MVVM and LiveData for a modular architecture and responsive UI.

CO-CURRICULARS AND ACHIEVEMENTS

- Qualified for inter-college round of Smart India Hackathon 2023.
- Awarded Academic Excellence for 7 consecutive years.
- Worked part-time at Invitalia Café—managed operations, customer experience, and service quality.
- Football team member—Runner-up at ADVITYA, Winner at AARAMBH.

CERTIFICATIONS

Introduction to Cloud Computing, Java Programming I – University of Helsinki; Mastering DSA in C/C++ – Abdul Bari (Udemy); Accenture Go For Gold; Python Programming; Cyber Physical Systems – NPTEL