Akshit Singh

+91-8851137805 | Indirapuram, Uttar Pradesh, India
akshitsingh31004@gmail.com | linkedin.com/in/akshit-singh | github.com/akshit-sing-h

EDUCATION

VIT Bhopal University — 2022 – Present
B.Tech in Computer Science and Engineering — *CGPA: 9.01 / 10*

Delhi Public School, Indirapuram — 2021 – 2022
Intermediate (Class XII) — *92%*

Delhi Public School, Indirapuram — 2019 – 2020
High School (Class X) — *92%*

EXPERIENCE

Cross-Platform App Development Intern (Paid) — Feb 2025 – Mar 2025
Internshala (Remote)
- Built two production-grade apps: Admin-side (partner/shop management) and Consumer-side (user-facing discovery).
- Integrated **AWS Cognito** authentication with JWT checks, token refresh, and access control logic.
- Used **AWS Lambda**, API Gateway, DynamoDB for secure, serverless backend infrastructure.
- Applied MVVM and Clean Architecture with Compose Multiplatform and Ktor for API integration.

PROJECTS

Breach Checker App — Kotlin, Ktor, Compose, StateFlow — *Jan – Feb 2025*
- App to check if domains were breached via HaveIBeenPwned API. Used Ktor for API, Retrofit for networking, and Coil for image loading.
- Implemented pagination, debounce search, and dynamic error-handling using StateFlow and ViewModel scopes.

Phishknot (Team) — Python, TensorFlow, Flask — *Dec 2023 – Jan 2024*
- Built a CNN-based classifier to detect phishing sites using URL structure, HTML tags, JavaScript and anchor tag ratios.
- Performed feature engineering, model evaluation (accuracy, F1), and served predictions via a Flask web API.

Session Attendance System — Jetpack Compose, Room, Flow — *Feb 2025*
- Built local-first attendance app with Room DB, ViewModel, Coroutines, and Jetpack Compose for reactive UI.
- Features: multi-session logs, date filters, search by attendee, export support (CSV), and lifecycle-safe storage.

Finance Tracker App — Jetpack Compose, Room, MPAndroidChart — *Dec 2024 – Jan 2025*
- Tracked user transactions with category tagging, daily logs, and SQLite Room DB for local storage.
- Used MPAndroidChart for pie/bar graphs with LiveData-driven updates and MVVM architecture.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, Kotlin
Mobile: Jetpack Compose, Android Studio, MVVM, KMP
Cloud/Tools: AWS (Lambda, API Gateway, Cognito, DynamoDB), Git
Game Dev: Unity C#, Unreal Engine
Other: RoomDB, StateFlow, MPAndroidChart, Ktor, Retrofit, Coil

ACHIEVEMENTS & ACTIVITIES

- Cleared Inter-College round of Smart India Hackathon 2023 (SIH'23).
- Academic Excellence Certificate (7 consecutive years).
- Speaker – Guided freshers on academics and career planning.
- Football Athlete – Runner-up (ADVITYA), Winner (AARAMBH).

CERTIFICATIONS

Java Programming I (University of Helsinki), Mastering DSA in C/C++, NPTEL – Cyber Physical Systems, Python Programming, Unity and C#, Accenture Go For Gold