

# Akshit Singh

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## EDUCATION

<b>VIT Bhopal University</b> <i>B.Tech in Computer Science and Engineering</i>	2022 – Present <i>CGPA: 8.91 / 10</i>
<b>Delhi Public School, Indirapuram</b> <i>Intermediate (Class XII)</i>	2021 – 2022 <i>92%</i>
<b>Delhi Public School, Indirapuram</b> <i>High School (Class X)</i>	2019 – 2020 <i>92%</i>

## EXPERIENCE

<b>Cross-Platform App Development Intern (Paid)</b> <i>Internshala (Remote)</i>	Feb 2025 – Mar 2025
<ul style="list-style-type: none"><li>– Built two production-grade apps: Admin-side (partner/shop management) and Consumer-side (user-facing discovery).</li><li>– Integrated <b>AWS Cognito</b> authentication with <b>JWT</b> checks, token refresh, and <b>access control logic</b>.</li><li>– Used <b>AWS Lambda</b>, <b>API Gateway</b>, <b>DynamoDB</b> for secure, serverless backend infrastructure.</li><li>– Applied <b>MVVM</b> and Clean Architecture with <b>Compose Multiplatform</b> and Ktor for API integration.</li></ul>	

## PROJECTS

<b>Breach Checker App — Kotlin, Ktor, Jetpack Compose, StateFlow</b>	<i>Jan – Feb 2025</i>
<ul style="list-style-type: none"><li>– Cross-platform app to check if domains were breached using <b>HaveIBeenPwned API</b>. Integrated <b>Retrofit</b> and <b>Coil</b> for networking and UI.</li><li>– Handled API integration and error-handling using <b>StateFlow</b> and <b>ViewModel</b>.</li></ul>	
<b>Phishknot (Team) — Python, TensorFlow, Flask</b>	<i>Dec 2023 – Jan 2024</i>
<ul style="list-style-type: none"><li>– Built a <b>CNN</b>-based classifier to detect phishing websites using URL structure, HTML tags, and JS features.</li><li>– Performed feature engineering, model evaluation (accuracy, F1), and deployed predictions via a <b>Flask API</b>.</li></ul>	
<b>Session Attendance System — Jetpack Compose, Room DB, Flow</b>	<i>Feb 2025</i>
<ul style="list-style-type: none"><li>– Offline-first mobile app for attendance tracking using <b>Room DB</b>, <b>ViewModel</b>, and <b>Coroutines</b>.</li><li>– Implemented multi-session logs, <b>updating</b>, <b>deleting</b> entries, and lifecycle-aware data handling.</li></ul>	
<b>Finance Tracker App — Jetpack Compose, Room DB, MPAndroidChart</b>	<i>Dec 2024 – Jan 2025</i>
<ul style="list-style-type: none"><li>– Tracked user expenses with Room DB and category tagging. Built interactive charts using <b>MPAndroidChart</b>.</li><li>– Used <b>MVVM</b> architecture, LiveData, and custom UI logic with Compose.</li></ul>	

## TECHNICAL SKILLS

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