

Akshit Singh

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EDUCATION

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

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 Development Intern <i>Internshala (Remote)</i>	Feb 2025 – Mar 2025
<ul style="list-style-type: none">Architected and delivered production-ready Android and cross-platform apps for admin and customer modules using Compose Multiplatform.Implemented secure user authentication, token refresh, and access control using AWS Cognito and JWT.Developed and deployed scalable serverless APIs using AWS Lambda, API Gateway, and DynamoDB.Followed MVVM and clean architecture principles to ensure maintainability and modularity across codebases.	

PROJECTS

Breach Checker App	<i>Kotlin, Java, Compose, Ktor, StateFlow</i>
<ul style="list-style-type: none">Engineered a responsive domain breach checker using HaveIBeenPwned API and Retrofit with intuitive Compose UI.Enhanced reliability with reactive state handling using StateFlow and ViewModel-based architecture.	
Phishknot (Team Project)	<i>Python, TensorFlow, Flask</i>
<ul style="list-style-type: none">Trained a CNN model to detect phishing websites based on URL structure, HTML tags, and JavaScript behaviors.Deployed prediction service using Flask API and evaluated it using precision, recall, and F1 metrics.	
Session Attendance System	<i>Kotlin, Jetpack Compose, Room DB, Flow</i>
<ul style="list-style-type: none">Built an offline-first attendance tracker with multi-session logging and local storage using Room DB.Utilized ViewModel, Coroutines, and Flow for lifecycle-aware, reactive data handling.	
Finance Tracker App	<i>Kotlin, Jetpack Compose, Room DB</i>
<ul style="list-style-type: none">Developed a personal finance tracking app with categorized expense insights and interactive visualizations using MPAndroidChart, enhancing data-driven decision-making.Implemented MVVM with LiveData to support modular development and seamless UI state management	

CO-CURRICULARS AND ACHIEVEMENTS

- Qualified for the inter-college round of Smart India Hackathon 2023.
- Received academic excellence award for seven consecutive years.
- Worked part-time at Invitalia Café, managing floor operations, service quality, and customer experience.
- Football team member; runner-up at ADVITYA and 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