

Akshit Singh

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Indiarpuram,Uttar Pradesh

Education Profile

B. Tech (CSE)	Vellore Institute of Technology, Bhopal	2022 – Present	9.01/10
Intermediate (Class XII)	Delhi Public School, Indirapuram	2021 - 2022	92%
High School (Class X)	Delhi Public School , Indirapuram	2019 – 2020	92%

Projects

Breach Checker App (Jan 2025 – Feb 2025)	A mobile app that allows users to check data breaches and filter breaches based on domains, using Kotlin Multiplatform (KMP) and REST API integration. -Technology: Kotlin Multiplatform (KMP), Jetpack Compose, Ktor , MVVM, StateFlow and coroutines. -Role: Mobile app development, API integration, state management, UI/UX design
To Do List (Sep 2024 – Oct 2024)	Android application for task management with data persistence . -Technology: Kotlin , Jetpack Compose , Room Database -Role: UI with Jetpack Compose and implemented Room DB for local data storage
Catcher: An Interactive Game (Jan 2022 – Apr 2022)	A Python -based interactive game developed using Pygame for GUI and MySQL DBMS for maintaining scores and player data. -Technology: Python , Pygame, MySQL -Role: Game design, GUI development, database integration
Phishknot(Team Project) (Dec 2023 – Jan 2024)	A CNN based model that classifies websites into Phishing or non-phishing . -Technology: Python, TensorFlow -Role: Model development and training
Session Attendance Management System (Feb 2025 – Feb 25)	A mobile app for managing session attendance, built using modern Android development practices with a focus on Jetpack Compose and Room database . -Technology: Jetpack Compose, Room , MVVM , Kotlin Coroutines . Flow, Jetpack navigation -Role: Android app development, database design, state management, UI/UX design
Finance Tracker App (De 2024 – Jan 2025)	A personal finance tracking app leveraging Jetpack Compose , RoomDB , MPAndroidChart for seamless data management, visualizations, and an intuitive UI. -Technology: Jetpack Compose, RoomDB , MPAndroidChart , Kotlin. MVVM -Role: Developed core features, including RoomDB integration, Dynamic charts.

Technical Skills:

Technologies: Java, familiar with Python and C, C++, Kotlin, Android Studio, Jetpack Compose , Unity C# and unreal engine

Extra-Curricular and Achievements:

- Achievements:**
- Cleared Inter-College round for SIH'23
 - Academic excellence certificate and medal for 7 consecutive school years (5th standard to 12th)
- Responsibilities:**
- Speaker, University Event Guided freshers on selecting the right field of study and provided insights on academic success.

Extra-Curricular: - Intercollege football tournament runner up (ADVITYA)
 - AARAMBH college football tournament winner

Certifications MOOC Helsinki university java programming I, Mastering Data Structures & Algorithms using C and C++ , NPTEL cyber physical systems, Introduction to python programming, Data Structures and Algorithms (C++), Unity and C# , Accenture Iaspire Go For Gold Certificate.

Hobbies A fitness/exercise and nutrition science enthusiast, football athlete, swimming, avid book reader