# Piyush Shivnani

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## EDUCATION

| **VIT Bhopal University** | **2022 – 2026** |
|---|---|
| *B.Tech - Computer Science and Engineering - **CGPA - 8.43*** | *Bhopal, Madhya Pradesh* |

| **St. Edmunds School** | **2021** |
|---|---|
| *XII - **Percentage - 86%*** | *Jaipur, Rajasthan* |

| **St. Edmunds School** | **2019** |
|---|---|
| *X - **Percentage - 89%*** | *Jaipur, Rajasthan* |

## PROJECTS

**Codesgram** | Kotlin, Jetpack Compose, Firebase, Node.js, Express.js
- Developed full-stack coding platform integrating LeetCode API with real-time data visualization and user statistics along with save codes feature and coding resources.
- Implemented scalable Node.js backend with Express.js to fetch and process LeetCode user data efficiently and applied google sign in for authentication.
- Designed real-time chat system with Firebase, featuring coding-level based group auto-assignment and a leaderboard for app users.
- Applied MVVM architecture with Repository pattern, reducing code complexity by 30% in critical components.

**FocusFlow** | Kotlin, Jetpack Compose, Room DB, Dagger-Hilt
- Developed productivity app implementing Material3 guidelines including dark mode and dynamic color theming having snackbar notifications and bottom sheets.
- Engineered complete subjects and sub-task management system with Room DB, featuring complex subject-task relationships and efficient query patterns
- Implemented study timer with notifications support, background running and session analytics using Flow for real-time updates
- Applied MVVM architecture with Dagger-Hilt dependency injection, improving test coverage by 40% and maintainability

**TurboMart(User&Admin)** | Kotlin, XML, Firebase, MVVM, Razorpay
- Developed a delivery app with dual user/admin interfaces using Firebase Realtime DB for synchronized inventory/order management across 10+ data models having OTP login.
- Implemented Razorpay payment gateway with order validation and receipt generation, handling all transaction states securely
- Designed admin dashboard with real-time analytics and CRUD operations using Firebase Firestore with optimized query patterns
- Enhanced UX with Jetpack components including Shimmer effects, dark mode theme, and LiveData-driven UI

## TECHNICAL SKILLS

**Languages:** Java, Kotlin, JavaScript
**Android:** Jetpack Compose, XML, MVVM, Clean Architecture, Dagger-Hilt, Retrofit, Coroutines, Flow, Room, RxJava
**Backend/API:** Firebase, MySQL, Node.js, Express.js, REST APIs
**Tools:** Git/GitHub, Android Studio, Figma, Firebase Console, Postman, AWS
**Core:** Data Structures & Algorithms, OOPs, DBMS, Cloud Computing

## CERTIFICATIONS

- The Complete Android 15 (Kotlin & Java) – Udemy
- AWS Cloud Architecting – AWS Academy
- SSOC Season 2 – Social
- Problem Solvers:Mastering DSA – FACE Prep
- Cloud Computing – NPTEL
- The Bits & Bytes of Computer Networking – Coursera

## ACHIEVEMENTS

- Finalist in SolVIT Hackathon for building customer service system.
- Contributed to SSOC Season 2 (Open source).
- Solved 400+ questions on Leetcode (1500+ contest rating) and GFG.