

Shyam Raval

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Education

Vellore Institute of Technology

2022–2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.80

Relevant Courses: Data Structures and Algorithms, Web Development, Database Management System, Linear Algebra, Object Oriented Programming with C++, Competitive Coding Practices, Operating System and Computer Networks

Kokilaben Dhirubhai Ambani Vidhyamandir

2008–2022

Jamnagar, India

Class 12 CBSE: 80.8%

Class 10 CBSE: 91.2%

Technical Skills

Languages: C, C++, Kotlin and Dart

Web Technologies: Jetpack Compose, XML, MVVM architecture

Coding Profiles: LeetCode (Highest Rating: 1618), GitHub, CodeForces (Highest Rating: 1133)

Experience

JIO Platforms Limited

October 2024 – December 2024

Software Intern, Kotlin and JetpackCompose

- Used **JetpackCompose** to develop and enhance the PeopleFirst app and JIOCX, a widely used application with **1M+ downloads** on Play Store.
- Implemented and modified UI components to improve user interactions and overall app usability.
- Integrated API responses and converted JSON data into Kotlin models for seamless data handling.
- Worked with repositories and controllers to ensure smooth data flow and maintain application stability.

Android Projects

Recipe App

Kotlin, Jetpack Compose, MVVM

- Developed a **Recipe app** with **dynamic data fetching**, leveraging **coroutines** for asynchronous operations.
- Structured and manipulated **JSON data**, and executed **API calls** using Retrofit.
- Implemented the **MVVM architecture** with ViewModel and LiveData for **seamless data flow**.
- Created **intuitive navigation flows**, enhancing user experience.

Task Master App

Kotlin, Jetpack Compose, Firebase

- Developed a robust Task Master App with **real-time data synchronization** using Firebase Firestore.
- Implemented comprehensive **state management** for immediate UI updates across all task operations (add, edit, delete, mark complete).
- **Crafted a highly intuitive user interface (UI)** using Jetpack Compose.
- Designed and utilized **reusable composable components**, adhering to modern Android UI principles and functional programming.
- Incorporated interactive **AlertDialogs** and custom UI elements for **seamless user feedback and action confirmation**.

Achievements

- Ranked **3990th and 3999th** out of over 40,000 participants in the Division 3 round.
- Multiple top 5000 global ranks in Codeforces rounds.
- Solved over 800 coding problems on Codeforces and Leetcode.
- Top 5% in India in the NPTEL Cloud Computing exam (Certificate).
- Completed a 2-month internship at JIOCX under the android development team, working on UI handling.