

# Shubhi Katiyar

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## EDUCATION

VIT Bhopal University

B.Tech in Computer Science and Engineering

Cumulative GPA: **8.65**

Bhopal, Madhya Pradesh

October 2022 – ongoing

## TECHNICAL SKILLS

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|--|--|
| • <b>Mobile App Development Frameworks</b> | Flutter , Flutter-Flow                                   |
| • <b>Backend</b>                           | Firebase (Fire store, Realtime Database, Authentication) |
| • <b>Coding Languages</b>                  | C++ , Dart   |

## PROJECTS

### Unit Converter | Backend Integration

May 2023 – June 2023

- Conducted a mini-market analysis to identify the need for a simplified Unit Conversion Application for students, leading to the development of a cross-platform solution.
- Leveraged a user-centric design approach to build a product that addresses customer pain points, resulting in an intuitive and highly functional UI.
- Engineered a self-contained, high-performance conversion dataset to ensure accuracy, which is crucial for building user trust and providing reliable insights.

### IoT Powered Farm Tech | Automation – Proteus , DHT11 , MQ

December 2024 – March 2025

- Analyzed market need in the agriculture sector to design and develop a smart irrigation system, aligning a technical solution with a specific business challenge.
- Engineered a data-driven system for real-time remote monitoring, enabling intelligent automation and demonstrating an ability to improve operational processes.
- Contributed to a collaborative effort to integrate Deep Learning for plant disease detection, showcasing experience in innovative problem-solving and team-based development

### Col-Con (Collaborative App) | Full Stack – Dart , Firebase , WebRTC

April 2025 - Ongoing

- Spearheaded the development of a real-time collaboration application, identifying and addressing the market need for an all-in-one tool to enhance team productivity and remote communication.
- Integrated diverse features, including a shared notes and a whiteboard, to create a seamless user experience that drives multi-user engagement and efficiency.
- Utilized Firebase for data synchronization to ensure real-time, seamless collaboration, a critical feature for a product focused on improving teamwork and reducing friction.

## CO – CURRICULAR ACTIVITIES

- **Technical Achievement** : Secured an All India Rank of 879 in Code Combat 3.0 by Coding Ninjas, demonstrating strong problem-solving and algorithmic skills.
- **Hackathon Participation** : Successfully completed Flipkart Grid 5.0, showcasing innovative thinking and proficiency in tackling real-world technical challenges.
- **Problem-Solving** : Completed 200+ questions on Geeks for Geeks which includes 19 Basic , 66 Easy , 112 Medium and 17 Hard questions .

## EXTRACURRICULAR

- Engaged dynamically as an integral member of the Android Club Community for a year, actively participating in and contributing to technical events and webinars .
- Demonstrated outstanding dance prowess on the university stage, securing 2nd position .