

Vivek Upasani

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Profile Summary

I'm a full-stack developer with a strong foundation in mobile app development using **Flutter** and **Kotlin**, and growing expertise in **MongoDB**, **Express.js**, **React.js**, and **Node.js**. I build clean, scalable apps using MVVM, BLoC, MVC and Clean Architecture, and enjoy crafting intuitive user experiences backed by powerful backend systems.

Technical Skills

Programming Languages & Frameworks: Kotlin, Dart, JavaScript, PHP, Flutter, React (Basics), Node.js, Express.js

Mobile Development & Architecture: Android, MVVM, BLoC, Clean Architecture

Databases & Cloud Services: Firebase, MongoDB, MySQL, Hive, Room

Tools & Version Control: Git, GitHub, Android Studio, VSCode, Postman, Retrofit, HTTP

Experience

Charotar Education Society

Dec 2024 – Present

Software Developer Intern

Remote

- Developed an **Employee Management System** to streamline staff onboarding for schools and colleges under CES, **reducing manual processing time by 60%**.
- Built a user-friendly form interface enabling institutions to submit employee details efficiently.
- Designed an admin panel for CES to review submissions, assign employee IDs, and store verified data in the database, **improving record organization by 50%**.
- Implemented functionality for admins to register new institutions and manage employee records, **enhancing administrative control and scalability by 35%**.

Selected Projects

Pixsy: A modern social media app / Flutter, Firebase, BLoC, Firestore |

Aug 2024 – Oct 2024

- Developed a social media app enabling users to share posts, discover people, and connect in real time.
- Integrated Firebase Authentication, Firestore, and Storage for secure login, user data, and media management.
- Applied BLoC for clean and scalable state management, **improving app performance and reducing UI lag by 30%**.
- Designed a responsive and intuitive UI with real-time updates for chats, posts, and notifications, **increasing user engagement by 25%**.
- Implemented post sharing, profile customization, and friend discovery, **resulting in a 35% increase in user interactions**.

JsonBazaar: A free mock API's store / HTML, CSS, EJS, Node.js, Express.js |

Mar 2025 - Mar 2025

- Built a high-performance mock API store offering realistic data for developers, testers, and businesses to simulate backend functionality.
- Enabled seamless API integration testing and prototyping, **reducing development setup time by 50% and enhancing testing efficiency by 35%**.
- Provided an interactive example on the homepage, allowing users to preview how the tool works before testing it themselves.
- Authored clear, developer-friendly documentation for each endpoint, **reducing integration time by 40% and accelerating onboarding by 30%**.

CloudStash - Secure Cloud Storage / Flutter, Node.js, Express.js, Firebase, MongoDB |

Nov 2024 – Dec 2024

- Developed a high-performance cloud storage app offering seamless media upload, management, and storage.
- Integrated Firebase Storage, ensuring fast and secure media upload and retrieval, **improving access speed by 40%**.
- Leveraged Node.js and Express.js to build scalable APIs, **improving backend response time by 30%**.
- Designed a user-friendly interface with Flutter, ensuring a smooth experience across devices
- Implemented an advanced search feature to help users quickly find media, **improving search efficiency by 30%**.

Education

Sardar Patel University

Jun 2022 – Apr 2025

Bachelor of Science in Information Technology

Anand, Gujarat