Vivek Upasani

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Summary — Full-Stack Developer with strong foundation in mobile app development using Flutter and Kotlin, and growing expertise in MongoDB, Express.js, React.js, and Node.js.

Skills

Frontend Flutter, React (Basics), HTML/Tailwind
Backend Node.js, Express.js, PHP, Firebase
Languages Kotlin, Dart, JavaScript, PHP
Architecture MVVM, BLoC, Clean Architecture

Databases Firebase, MongoDB, MySQL, Hive, Room
Tools Git, GitHub, Android Studio, VSCode,
Others HTTP, Retrofit, Postman
Testing Flutter Unit Testing, Mocktail

Experience

Charotar Education Society.   Dec 2024 – May 2025
Full Stack Developer, Remote
- Developed a centralized **Employee Management System** for CES to streamline onboarding processes across educational institutions.
- Built a user-friendly interface for institutions to **submit employee data** and **simplify administrative workflows**.
- Designed an **admin panel** for **reviewing submissions, assigning employee IDs**, and maintaining organized digital records.
- Implemented **features** for **registering new institutions** and **managing employee records**, enhancing scalability and administrative efficiency.

Projects

Syncra.ai – Voice Assistant Demo   May 2025 – Present
- Developing an AI-powered voice assistant app that enables users to interact and ask questions using natural voice commands.
- Integrating AI-driven image generation based on voice input, allowing users to create visuals seamlessly from spoken prompts.
- Building the frontend with Flutter to deliver a smooth cross-platform mobile experience.
- Using Firebase for Google Authentication to ensure secure and seamless user sign-in.
- Creating backend APIs with Node.js and Express.js to handle voice processing and image generation.
- Implementing real-time voice recognition and response features to provide an intuitive, hands-free user experience.

Pixsy Social Media App GitHub | Live Web App   Aug 2024 – Oct 2024
- Enabled users to share posts, discover people, and connect in real time through a modern Flutter-based interface.
- Integrated Firebase Authentication, Firestore, and Storage for secure login, data handling, and media management.
- Applied BLoC architecture for scalable state management and optimized app responsiveness.
- Designed a responsive UI with real-time updates for chats and posts to boost user engagement.
- Implemented features like post sharing, profile customization, and friend discovery to enhance user interaction.
- Added follow/unfollow functionality and user search to enhance social networking capabilities.
- Followed clean architecture principles to ensure maintainability and modular code structure for future scalability.

CloudStash – Secure Cloud Storage GitHub | Live Web App   Nov 2024 – Dec 2024
- Developed a high-performance cloud storage app using Flutter, Node.js, Express.js, Firebase, and MongoDB.
- Integrated Firebase Storage for fast, secure media upload and retrieval, enhancing access speed and reliability.
- Built RESTful APIs with Node.js and Express.js to optimize backend response times.
- Designed a clean, user-friendly Flutter interface to deliver a smooth cross-device experience.
- Implemented advanced search functionality to help users quickly locate media and improve search efficiency.
- Ensured data security and privacy through robust authentication.

JsonBazaar – Mock API Store GitHub | Live Web App   Mar 2025 – Mar 2025
- Built a fast and reliable mock API platform using Node.js, Express.js, HTML, CSS, and EJS for frontend templating.
- Offered ready-to-use APIs with realistic JSON data for developers, testers, and teams to simulate backend behavior.
- Enabled seamless integration testing and rapid prototyping to accelerate development workflows.
- Added an interactive homepage example to demonstrate API responses in real time.
- Authored clean and developer-friendly endpoint documentation to simplify API usage and speed up onboarding.
- Designed the platform to support both public and custom endpoints, promoting flexibility for various testing needs.

Education

Shri D.N Institute of computer application (DNICA)   2022-2025
Bachelor of Science in Information Technology   *CGPA: 7.96*