

Abhay Negi

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Summary

Aspiring Full-Stack Developer and UI/UX Designer with a strong foundation in user-centered design principles and hands-on experience in mobile app development. Currently building expertise in the MERN stack to create dynamic and responsive web applications. Passionate about crafting intuitive user experiences, solving real-world problems through design and code, and delivering polished, high-performing digital products across platforms

Education

VIT Bhopal University

Aug 2023 – May 2027

BTech in Computer Science

- GPA: 8.74/10.0
- **Coursework:** Data Structure and Algorithm, Operating System, Computer Network, Database Management System

Projects

Buddy App

github.com/abhaynegi10/Buddy  

- **Built a cross-platform mobile app** using **Dart and Flutter**, enabling users to engage in real-time conversations with an AI assistant.
- **Integrated an image upload feature** with custom AI to generate dynamic image descriptions, enhancing user interaction.
- **Implemented responsive layouts** and **smooth UI transitions** for a seamless and visually appealing user experience across devices.
- **Managed state efficiently** to handle chat history, image processing, and result display with optimal performance and reliability.
- **Optimized the app for cross-device performance**, focusing on fast load times, intuitive UX, and scalable code architecture.
- **Tools Used:** Dart, Flutter

Social

github.com/abhaynegi10/Social  

- **Developed a Flutter-based mobile application** that allows users to post and share their thoughts within a clean and interactive UI.
- **Implemented user authentication** to enable secure login and personalized access for each user.
- **Designed dynamic content updates** for real-time posting and seamless content refresh without app reloads.
- **Built a personalized profile page** displaying user-specific posts and information for an engaging and tailored experience.
- **Integrated Google Firebase** for real-time database, secure authentication, and scalable cloud functionality.
- **Tools Used:** Dart, Flutter, Firebase

UniVibe

github.com/abhaynegi10/UniVibe  

- **Developed UniVibe**, a peer-to-peer anonymous video and text chat platform enabling users to connect randomly based on selected gender preferences.
- **Implemented secure authentication** using Google sign-in and traditional email/password methods for flexible and protected user access.
- **Built live media control features**, allowing users to manage video/audio in real time during chat sessions.

- **Utilized a Node.js and Express backend** integrated with **Socket.IO** to handle real-time communication and signaling between users.
- **Integrated MongoDB** for efficient data management, including user metadata, session logs, and preferences.
- **Tools Used:** Node.js, Express.js, Socket.IO, MongoDB

Technologies

Languages: C++, C, Java, Objective-C, C#, SQL, JavaScript

Technologies: .NET, Microsoft SQL Server, XCode, Interface Builder