

KRISH MEHTA

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Summary

App developer specializing in Flutter, with a strong foundation in frontend development and backend integration. Currently a 3rd-year B.Tech student, passionate about building scalable and user-friendly applications. Experienced in working on real-world projects, optimizing performance, and continuously learning new technologies.

Education

Vellore Institute of Technology, Vellore

Sept. 2022 – Present

Bachelor of Technology in Computer Science with specialization in IoT

Technical Skills

Languages: Python, C, C++, Java, SQL, Assembly, Verilog, R, HTML, CSS, JavaScript, MATLAB, React, GoLang

Hard Skills: Front-end Web Development, Database Management System, App Development:- Flutter, Android Studio

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- Mobile App Development
- Web Development
- Database Management
- Compiler Design

Experience

V4U Technologies

June 2024 – July 2024

Flutter Intern

Ahmedabad

- Developed new applications using Flutter with emphasis on Dart front end, API interfaces, and the Provider model for state management.
- Real-time chatting capabilities using Firebase and database storage using SQLite in a Flutter-based application.
- Designed and developed an application named “My Memories” in which knowledge about the UI design, state management, and backend is applied.
- Implemented aspect of Flutter to ensure that the user interface is adaptive, and usability is improved.

Projects

RediCLI | *GoLang, RediCLI*

- Developed **RediCLI**, a cross-platform Terminal User Interface (TUI) for Redis database management in Go, implementing **all Redis commands** along with custom commands, achieving **80% feature parity** with Redis CLI, including real-time command suggestions and data import/export functionality.
- Designed and integrated an **interactive analytics dashboard** that tracks **20+ Redis metrics** in real-time using WebSocket technology, reducing database monitoring time by **45%** compared to traditional CLI-based monitoring tools.
- Architected a modular and extensible codebase with **95% test coverage**, ensuring robust performance and seamless deployment across **Linux, macOS, and Windows**.

AssignoFast | *Flutter, Firebase, SQLite, Kotlin (Widget), Notifications, NodeJS*

- Developed AssignoFast, a reminder app that syncs assignments and user timetables from Firebase while supporting offline access via SQLite.
- Optimized API calls and local caching, reducing data sync time by **37%**, improving performance.
- Implemented a **Kotlin-based Android widget** for quick timetable updates directly from the home screen.
- Integrated smart notifications to schedule reminders for assignments, enhancing task management.
- Refined the UI/UX for an intuitive and responsive user experience.

My Memories | *Flutter, SQLite*

- Designed and developed **My Memories**, an intuitive application for **storing and organizing personal memories** with a clean and user-friendly interface.
- Implemented structured input fields for **titles, dates, hashtags, and detailed descriptions** to improve memory organization.
- Enhanced usability by allowing users to **attach images** to memories and retrieve them through a **fast, optimized hashtag-based search**.
- Leveraged **SQLite for secure local storage**, enabling users to access their data **offline without relying on cloud services**.

Extracurricular Activities

IEEE Computer Society-VIT Chapter | App Lead

November 2024 – Present

- Serving as App Lead for my chapter, guiding a team of developers to work on impactful app development projects.
- Played a key role in organizing and hosting two successful hackathons, contributing as part of the tech team to ensure smooth event execution.
- Collaborating with club members on innovative tech projects, fostering teamwork and enhancing practical development skills.
- Actively promoting a culture of learning and innovation within the chapter by mentoring peers and facilitating technical workshops.

Achievements

- Finalist in Devsoc'25 Hackathon conducted by **CodeChef, VIT Vellore**.
- Finalist in Devsoc'24 Hackathon conducted by **CodeChef, VIT Vellore**.