MADHAVAM SHAHI

SOFTWARE DEVELOPER INTERN

SUMMARY

I'm a software developer with over two years of development experience. I have experience with Flutter, Dart, Firebase, Java, JavaScript, Python and more. I have created multiple real-world software projects which have hundreds of active users. Having previously interned at multiple companies, I have hands-on experience with working in a fast-paced environment. I am creative in my approach, and always looking forward to learning more. I'm looking for internship opportunities where I can grow my skill-set and learn from industry experts.

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EMPLOYMENT

Texas Christian University, *Student Worker at IT Hardware*, Fort Worth   Sept. 2022 - Current
Flashing operating systems image on Computers;
Troubleshooting hardware and software issues;
Ensuring proper safety of sensitive data by managing hard drives, and destroying data if necessary;
Executing company policies, procedures, and standards to ensure the proper cleanliness and safety of equipment.

Youth Empowerment Foundation, *Software Developer Intern*, New Delhi   Mar. 2021 - Aug. 2021
Developed the official app of the NGO using Flutter & Firebase, currently used by thousands of active users;
Streamlined the database management by independently designing & developing an admin panel;
Ensured the safety of sensitive user data by writing a secure set of firebase security rules;
Brainstormed new ideas with my manager, and implemented them in the app;
Saved hundreds of dollars in Firebase bills by restructuring Firestore document model to ensure minimum document reads and writes.

Gorin Systems, *Flutter and Firebase Developer*, New York   June 2021 - Aug. 2021
Wrote new features for different client apps and enhanced User Interfaces of client applications;
Worked closely in a team of 4, participated in team meetings, brainstormed new ideas and implemented them;
Used software like Jira and Hubstaff to work efficiently the agile way, took ownership of tickets and found and fixed bugs in ongoing projects.

EDUCATION

Texas Christian University   Aug. 2022 - May 2026
Bachelor's in Computer Science
Full Scholarship

SKILLS

DESIGN PATTERNS: BLoC, MVVM, MVC
PROGRAMMING LANGUAGES: Java, Javascript, Python, Dart, PHP, HTML5, CSS3, Node.js
FRAMEWORKS: Flutter, Bootstrap, React, jQuery
DATABASE: Firebase, Google Cloud Platform, MySQL
OTHER: Web Scrapping, REST APIs

PROJECTS

Unilink · Mar. 2023 - Current
Independently developed a full-stack web application that helps in connecting college students to their peers;
A reddit-like design, with support for comments, posts, group chat, and images;
User authentication using Email and Password (Implemented using Firebase authentication);
Integrated push notifications using Node.js (Firebase Cloud Messaging);
Responsive User-Interface that supports all devices;
Based on the riverpod architecture and deployed on Vercel.

CoviCare
Independently created an app which helped in finding Covid-19 resources such as plasma donor availability in a hospital, oxygen cylinder supplies, etc during the pandemic;
Used the Twitter API to fetch and sort data from Twitter, it has a search bar using which the users can easily find the resources they're looking for. Based on the MVVM design pattern;
Integrated authentication using Email and Password, Google Sign In, and Phone Number using OTP.
Saved 10+ lives in India, featured in two major newspapers. 500+ downloads without any marketing with an app store rating of 4.6/5.

Up-Synced
Independently designed and developed a QR code-based profile sharing app using Flutter, Dart, and Firebase;
Users need to scan a QR code, and as soon as they do it; their profiles are shared with each other.
Implemented the MVVM design pattern and used a NoSQL database (Cloud Firestore) to store and retrieve data;
Created a user-friendly and efficient tool for quickly sharing profiles with others.