

# Madhavam Pratap Shahi

Dallas, Texas | [madhavam.p.shahi@tcu.edu](mailto:madhavam.p.shahi@tcu.edu) | +1-682-376-6488 | <https://madhavamshahi.github.io/>

## EDUCATION

**Texas Christian University**

*Bachelor's in Computer Science (Full Scholarship)*

**Fort Worth, Texas**

*Graduation Date: May 2026*

## SOCIALS

**Portfolio:** <https://madhavamshahi.github.io/>, **Github:** <https://github.com/madhavamshahi>, **Stackoverflow:** <https://bit.ly/3SvEPEJ>, **LinkedIn:** <https://www.linkedin.com/in/madhavam-pratap-shahi-a976ab210/>

## SKILLS

**Skills:** React, Java, C++, Python, Flutter, Dart, Firebase, Google Cloud Platform, Node.js, MVC, MVVM, Javascript, CSS, HTML, React Native, Web Scraping, MySQL, PHP, and REST APIs.

## WORK EXPERIENCE

**Texas Christian University**

*Student Worker (On-Campus Employment)*

**Fort Worth, Texas**

*Sep 2022 - Present*

- 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 equipments.

**Youth Empowerment Foundation**

*Software Developer Intern*

**New Delhi, India**

*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*;
- **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*

**Brooklyn, New York**

*Jun 2021 - Aug 2021*

- Wrote new features for different client apps and **enhanced User Interfaces** of some client applications;
- Worked closely in a team of 4, participated in team meetings, **brainstormed new ideas** and implemented them;
- Used softwares like Jira and hubstaff to work efficiently the **agile** way, took ownership of tickets and found and **fixed bugs in ongoing projects**.

## PROJECTS

**CoviCare**

<https://bit.ly/3PAMiSC>

**Lucknow, Uttar Pradesh, India**

*Apr 2021 - May 2021*

- **Independently** developed an app which helped in finding Covid-19 resources;
- Integrated **Twitter API** to fetch and sort data, and added a search bar to find Covid-19 resources in a city;
- Based on the **MVVM design pattern**, and uses **Firebase Authentication** (*phone and email verification using OTP*);
- Achieved **500+ downloads on the Google Play Store** and a 4.6/5.0 app store rating without any marketing efforts;
- Helped to **save 10+ lives in India** and was featured in two major newspapers;

**Up-Synced**

<https://bit.ly/3BKz5kD>

**Lucknow, Uttar Pradesh, India**

*Apr 2021 - May 2021*

- Independently designed and developed a **QR code-based profile sharing app** using Flutter, Dart, and Firebase;
- 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.