

# Madhavam Pratap Shahi

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## 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

Computer Technician

Fort Worth, Texas

Sep 2022 - Present

- Flashing operating systems image on Computers;
- Troubleshooting **hardware and software issues and repairing** devices if necessary;
- 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.