

## Personal details



Sarayu Malladi



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## Skills

Programming Languages: Java, SQL

Web Technologies: HTML, CSS,  
JavaScript, React

Databases: MySQL

Cloud : AWS

Software: Jupiter Notebook, Microsoft  
Visual Studio

## Summary

Aspiring Data Analyst and Software Engineer

Motivated and detail-oriented computer science graduate with a strong foundation in data analysis, software development, and usability testing. Proficient in programming languages such as Java and SQL. Skilled in database management using MySQL and cloud technologies like AWS. Seeking opportunities to apply analytical skills in a data-driven environment, enhancing business intelligence, software solutions, and usability.

## Education

**Master's degree, Computer Science**

**Jan 2023 - Dec 2024**

University of North Texas, Denton

**Bachelor of Technology, Computer Science  
and Engineering**

**Aug 2018 - May 2022**

MLR Institute of Technology, Hyderabad

## Certifications

**AWS Certified Cloud Practitioner**

**Nov 2024**

**HTML5-FROM BASICS TO ADVANCED LEVEL**

**Sep 2021**

**React JS**

**Jan 2025**

## Cse Projects

1. Developed a relational database system for Walgreens to manage prescriptions, insurance, clinics, and inventory. Designed an ER model, implemented constraints, and executed SQL queries for data integrity. Optimized performance and ensured compliance with BCNF normalization standards.
2. Shopscape - Designed and refined the Shopscape platform to improve user access to local stores through ZIP code searches. Integrated multilingual support, enhanced UI/UX for easier navigation, and addressed accessibility challenges for colorblind users. Optimized backend performance, improved error handling, and streamlined search features for a smoother experience.