

# Swarna Madhuri Pichikala

Richardson, Texas, 75080; (469)-427-7958; swarnapichikala@gmail.com

<http://www.linkedin.com/in/swarnapichikala> | <https://github.com/SwarnaMadhuriP> | [swarnamadhuri.github.io/](https://swarnamadhuri.github.io/)

## EDUCATION

**The University of Texas at Dallas**, Dallas, Texas, USA

January 2023 - December 2024

*Master of Science, Computer Science*

Spring 2023 - **GPA 3.33/4**

**BMS College of Engineering**, Bangalore, Karnataka, India

August 2017 - July 2021

*Bachelor of Engineering, Computer Science*

**GPA 9.2/10**

## SKILLS

*Languages:* C, C++, JAVA, Python, HTML, CSS, SQL.

*Frameworks:* Spring Boot, Flask.

*Tools and Infrastructure:* Microsoft Office, GIT, JIRA, PostMan, AWS, MySQL, Sequel Pro, Rest APIS.

*Soft:* Team Management, Project Management, Communication Skills, Detail-Oriented.

## WORK EXPERIENCE

**University of Texas at Dallas**, Dallas, Texas, USA

February 2023 - May 2023

*Student Assistant*

- Worked as a private tutor, Instructor for summer camps for high school students. I teach various computer science courses like C, C++, Scratch, etc.

**MoneyView**, Bangalore, Karnataka, India

August 2021– December 2022

*Software Engineer*

**Tech Stack:** Java, MySQL, Spring Boot

- Debugged product issues, and customer escalations and fixed them.
- Developed a feature to give access to an internal portal seamlessly.
- Loans portal: Worked on features and enhancements to the internal loans portal used by the operations team.
- Worked on in-house calling to automate calling for users at a particular stage in the flow.
- Worked on an internal rule engine: Business requirements for promo codes were turned into rules and executed.
- Calling System: Designed and Integrated a 3rd party calling system for a particular category of users stuck before the submission of the loan application. This increased the lead conversion rate by 50%.

**MoneyView**, Bangalore, Karnataka, India

March 2021 – July 2021

*Software Engineer Intern*

**Tech Stack:** Java, MySQL, Spring Boot

- Query Portal:
  - Automated recurring SQL query submission, which otherwise has to go through DevOps and increase their time and effort in query execution.
  - Added functionality to submit multiple SQL queries on production in a batch.
  - Added reminder mail support on the query status update.
  - Documented the Database Design and APIs used in the entire project.

## ACADEMIC PROJECTS

**SheStore**, Database Design

January 2023 – May 2023

- SheStore is an e-commerce website offering a diverse range of female beauty products across various categories.
- Used HTML, CSS, Python, Flask, MySQL, Pycharm, and GIT to develop this project.

**Metro System**, Data Base Management Systems

September 2018 - August 2019

- This project locates a metro station to the current location of the user and displays the fare to the destination.
- Used C# and MySQL to build this project.

**Books Locator in a Library**, Internet of Things

September 2019 - August 2020

- This project uses RFID Technology to identify if a book is in the right place and avoids misplacement of books in a library. A model was developed using Python and IOT components like Arduino Uno, RFID tags, GSM, Buzzer, Led.

**Online Complaint Registration App**, Mobile Application Development

September 2019 - August 2020

- Worked in a team of four to Develop a simple android App. It helps in managing customer complaints in a store seamlessly. Used Java, Android Studio, and MySQL to develop the app.