

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/

EDUCATION

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

January 2023 - December 2024

Master of Science, Computer Science

Spring 2023 - **GPA 3.5/4**

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 - Present

Student Assistant

- Working 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.