Swarna Madhuri Pichikala

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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: GIT, JIRA, PostMan, AWS, MySQL, Sequel Pro.

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.