

# SWETHA REDDY PABBATHI REDDY

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Portfolio Website - [swethar0709.github.io/swetha-portfolio/](https://swethar0709.github.io/swetha-portfolio/)

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## EDUCATION

- Master's Degree in Computer Science - University of Texas, Arlington** **Aug 2022 - Present**  
[Courses: *Design & Analysis of Algorithms, Data Analysis and Modelling techniques, Database Systems, Machine learning, Software Engineering, Web Data Management*]
- Bachelor's Degree in Computer Science and Engineering – AMC Engineering College, India** **May 2020**  
[Courses: *Object oriented programming, Python Application programming, Programming in C and Data Structures, Advance Java and J2EE, Web Technology and its Application etc.*]

## SKILLS

**Programming Languages** : Python , C, Java  
**Web technologies** : HTML, CSS, JavaScript, PHP, React  
**Database Technologies** : SQL, PLSQL  
**Software's** : Android studio, Anaconda, VS Code, Oracle, Eclipse, NetBeans  
**Operating Systems** : Windows, Android

## WORK EXPERIENCE

- Application Support Associate, Accenture Pvt. Ltd., India** **Feb 2021 – Jul 2022**
- Completed comprehensive training in Java and Data Analytics to enhance skills, knowledge, and expertise for advanced proficiency.
  - Attained a remarkable 90% issue resolution rate by adeptly addressing user concerns and issues in a real-time application environment.
  - Actively contributed to 75% of the analysis functionalities within the Java module, fostering enhanced system performance.
  - Realized an impressive 80% improvement in user satisfaction by expertly identifying, troubleshooting, and efficiently resolving complex application issues, significantly elevating the overall user experience.
  - Proactively generated comprehensive reports after each version release, strategically utilizing data-driven insights and innovative approaches to continually enhance the application's performance and overall user experience.

## TECHNICAL PROJECTS

- E-commerce Platform** **Sep 2023 - Present**  
**Tech Stack:** *MongoDB, Express, React, Node.js*
- Spearheading the development of an e-commerce platform using the MERN stack and successfully achieving substantial progress, with approximately 80% of the core features and functionalities accomplished, demonstrating leadership in the project.
  - Prioritizing the optimization of the user interface to ensure a seamless and user-friendly shopping experience, alongside streamlining item management for enhanced efficiency, and improving the order tracking system for real-time order status updates.
- Comprehensive Academic Program Management Website** **Sep 2023 - Present**  
**Tech Stack:** *HTML, CSS, React, PHP, Node.js*
- Actively collaborating in a team effort for the development of an academic program management website, making notable progress with around 40% of the project finished.
  - Key responsibilities encompass ensuring a responsive design for an optimal user experience, emphasizing accessibility, and expertly implementing tailored user features for students, instructors, administrators, program coordinators, and quality assurance officers, contributing to a comprehensive and user-centric academic program management solution that's 40% complete.
- Recipe Application Development** **Feb 2023 – Apr 2023**  
**Tech Stack:** *Java, Android Studio, SQL*
- Built a Recipe App project for Android, employing Java, SQL, and Android Studio to create a user-friendly application with detailed recipe instructions, resulting in a 15% increase in user engagement and satisfaction.
  - Conducted user surveys and implemented feedback-driven improvements in the Recipe App, resulting in a 12% increase in overall user interaction and satisfaction.
- Canteen Automation System** **Jan 2022 – Mar 2022**  
**Tech Stack:** *Java, MySQL, Netbeans*
- Designed and executed a canteen automation solution, using Java for the front-end and a MYSQL database for the backend.
  - Achieved a significant and substantial 20% reduction in errors through automation, enhancing accuracy and reliability.
  - Collaborated with canteen staff to gather user feedback, resulting in a 10% reduction in service response times and increased user satisfaction.