

SHARIEF SHAIK

Montgomery, AL | (334) 669-8611 | shariefshaik11@gmail.com | [linkedin.com/in/sharief-shaik-a324a7b8](https://www.linkedin.com/in/sharief-shaik-a324a7b8)

Experience

Auburn University at Montgomery

Montgomery, AL

Graduate Teaching Assistant

Jun 2022 – Dec 2022

- Worked as a Graduate Teaching Assistant for a MySQL Database course at Auburn University at Montgomery, delivering engaging lectures and providing guidance to students to facilitate their learning and success.
- Operating lab sections with internal and external technical support to ensure 100% problem resolution.
- Oversaw classes of up to 30 students in computer science courses MySQL and Python. Documented attendance and completed assignments to maintain full class and student records.

Cyient Limited

Hyderabad, India

Senior Software Engineer

July 2019 - Aug 2021

- Re-designed legacy Pratt & Whitney's Class Decision Tree application into model view controller with enhanced user experience bolstered by 90% test coverage. Enhanced the performance of legacy codebase by optimizing SQL queries and refactoring code. Achieved customer usage 30% higher than previous legacy application usage.
- Designed and implemented various data structures such as arrays, stacks, queues, optimizing memory usage and improving algorithm efficiency in problem-solving.
- Developed WEB API for CRUD operations with HTTP verbs GET, POST, PUT and DELETE. Developed reusable components and services to consume REST APIs using Angular 8's component-based architecture.
- Proficient in test-driven development practices and principles, using it to ensure high-quality software development.
- Collaborated cross-functionally to resolve production issues and provide technical support by analyzing defects, identifying root causes, and implementing effective solutions to ensure system reliability.

Software Engineer

Sep 2017 - July 2019

- Developed UI using HTML, and JavaScript and developed Business Logic and Interfacing components using Business Objects.
- Collaborate in the advancement of both client-side and server-side codebases for web applications.
- Developed and optimized SQL queries and Stored Procedures in SQL Server to efficiently retrieve and manage data from a complex database schema.
- Designed and implemented classes, objects, and methods to build scalable and modular software systems. Applied abstraction and encapsulation to create high-level, reusable components, reducing code duplication by 60% and enabling more efficient and effective development.
- Wrote unit and integration tests for all the components using JUnit framework. Documented technical designs, code, and user manuals to aid in knowledge transfer and support.
- Collaborated with clients to define solution requirements, resulting in a 90% increase in customer satisfaction.

Technical Skills

Languages	: Java, J2EE, C#, SQL, Python
Databases	: SQL Server, MySQL
Web Technologies	: HTML5, CSS3, Bootstrap, JavaScript, JQuery, TypeScript, Angular 8, React JS
Cloud Technologies	: Azure Cloud, Azure DevOps, AWS, EC2, S3
Methodologies	: Agile, SCRUM
Tools	: Git, TFS, Selenium, Visual Studio 2019/2022, JUnit, Maven, JIRA, Jenkins, Postman.

Education

Auburn University at Montgomery

Montgomery, AL

Master of Science in Computer Science. Awarded a Graduate Teaching Assistantship.

Aug 2021 - Dec 2022

VR Siddhartha Engineering College

Vijayawada, India

Bachelor of Technology in Information Technology

Aug 2013 - Apr 2017

Projects

- Developed a personal blog website using React JS, gaining extensive experience in working with React JS components and forms.
- Deployed an application on the cloud using AWS Learner's Lab as part of a class project, gaining practical experience in configuring and managing Amazon EC2 and S3 services.