

AKHIL ADDAPA

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EDUCATION

Kennesaw State University,

Master of Science, Computer Science; GPA-3.75/4.0

Courses: Advanced Algorithms, Database Systems, Cloud Computing

Guru Nanak Institutions Technical Campus

Bachelor of Technology, Computer Science, and Engineering, GPA-8.9/10.0

Courses: Data Structures and Algorithms, Java Programming, Operating Systems, Web Services

Marietta, Georgia

January 2022 – May 2023

Hyderabad, India

July 2016 – June 2020

SKILLS SUMMARY

- Languages – C, Java, HTML, CSS, JavaScript, TypeScript
- Frameworks – Spring, Spring Boot, jQuery, React, Bootstrap, JPA, Hibernate, Spring Data JPA, Spring MVC, JSP, Spring Security, REST API, Swagger
- Database – MySQL, MongoDB
- Version Control System – Git, GitHub
- IDE Tools: Visual Studio Code, Eclipse
- Cloud Computing: AWS

PROFESSIONAL EXPERIENCE

Kennesaw State University, Graduate Research Assistant

August 2022 – Present

- Conducted comprehensive research on Gender Equity (Title IX) to support the academic pursuits of professors.
- Coordinated and executed administrative and research tasks under the guidance of the professor, ensuring the timely completion of all assigned duties.
- Developed and refined research procedures, techniques, and tests to optimize data collection and analysis.
- Assisted the professor with data gathering, analysis, and interpretation to contribute to potential paper publications.
- Organized and streamlined data collection by utilizing MS Excel to categorize and enter information.
- Conducted extensive research on various topics and presented findings to professors, contributing to their scholarly work.
- Collaborated with other team members to ensure efficient workflow and successful completion of projects within strict deadlines.

App Orchid Inc, Software Engineer

April 2021 – November 2021

- Designed efficient APIs in collaboration with back-end developers, reducing average API response time by 25%.
- Reviewed and debugged complex code, identifying and resolving critical issues, which led to a 30% reduction in system downtime.
- Mentored junior team members, delivering training to boost their technical skills and contributing to a 50% increase in team productivity.
- Collaborated with fellow engineers to evaluate software and hardware interfaces, resulting in a more seamless user experience and a 20% reduction in customer complaints.
- Contributed innovative ideas and suggestions during team meetings, leading to the successful implementation of several new features and enhancements.
- Implemented test-driven development (TDD) practices, resulting in a 40% increase in test coverage and a 60% reduction in the number of defects identified during the QA phase.

Apisero Global Integrations Pvt. Ltd., Software Engineer

October 2020 – March 2021

- Served as a MuleSoft developer, specializing in developing robust and scalable RestAPIs for enterprise-level applications.
- Leveraged the MuleSoft platform to design and develop RestAPIs, resulting in an increase in application response time by 40%.
- Conducted thorough unit testing and debugging, leading to a 75% reduction in the number of defects identified during the QA phase.
- Documented technical specifications and provided support for RestAPI maintenance and upgrades, ensuring the successful deployment of RestAPIs across multiple environments.

UNIVERSITY PROJECTS

Customer Relationship Management(Java, HTML, CSS, Javascript, Spring Framework):

- Developed a web application with a Graphical User Interface (GUI) using HTML, CSS, JavaScript, and jQuery, resulting in an intuitive and user-friendly interface.
- Implemented the backend development of the web application using JAVA, applying best practices in software development to ensure a scalable and reliable system capable of handling large volumes of data.
- Utilized Model-View-Controller (MVC) architecture to ensure separation of concerns and a clean and maintainable codebase.
- Developed robust APIs using the Spring framework, allowing for seamless integration with other systems and services.

Object Detection using Machine Learning Techniques in AWS

- Utilized Elastic Cloud Compute (EC2) and Simple Storage Service (S3) to develop a cloud-based application capable of storing and processing large volumes of data securely and efficiently.
- Leveraged Amazon Rekognition, a service provided by AWS, to develop an object detection application with 95-99% accuracy, allowing for the identification of objects in images with high precision.
- Demonstrated technical proficiency in cloud computing, data storage, and machine learning technologies, showcasing my ability to develop innovative and impactful software applications.