



Nikhitha Konda

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EDUCATION

Masters, Computer Science (GPA – 3.8)
University of Central Florida, Oviedo, FL

August 2022 – May 2024

TECHNICAL STACK

- **Programming Languages:** Java, JavaScript, Python
- **Web Technologies:** HTML, CSS, Angular, React, Bootstrap, Typescript
- **Frameworks:** Spring Boot, RestAPI, ExpressJS, Django
- **Test Cases:** Junit, Mocha, Espresso
- **Database:** MySQL, Oracle, MongoDB
- **Other Tools:** NodeJS, AWS, Git, Postman, SoapUI, Putty, ServiceNow, LDAP, JIRA, Jenkins, Splunk, Docker, Kubernetes
- **Certifications:** AWS certification – AWS Certified Solutions Architect - Associate

WORK EXPERIENCE

- **Graduate Teaching Assistant, University of Central Florida** **August 2023 – December 2023**
 - Facilitated student learning in "Software Development" courses through tutorials and lab sessions. Collaborated with professors to develop course materials and assessments.
- **Full Stack Developer, EQUIFAX, INDIA** **April 2021 - August 2022**
 - Created web application 'Flight Management System' using Java, Spring boot, RestAPI implementing responsive and secure front-end interfaces with HTML, CSS, JavaScript, Typescript, Angular, etc.
 - Responsible for designing, coding, debugging, testing, and deploying software programs and applications for Equifax that meets end-user requirements and specifications. Implemented solutions critical bug fixes for the existing modules, resulting in 80% reduction in the total number of bugs.
 - Successfully merged existing features into a unified solution, resulting in significant savings in time, cost, and resources.
 - Established server & client-side infrastructure, along with DB configuration, within AWS environment for new clients. Refactored & optimized the existing code base to perform better under heavy traffic.
- **Software Development Engineer in Test, AMAZON, INDIA** **November 2020 – April 2021**
 - Identified and rectified catalog duplicates using Pytest, enhancing the overall shopping experience for customers.
 - Trained Machine Learning models in classification of products that belongs to cluster.
 - Performed manual testing and reported several deviations before deploying, which helped to reduce the maintenance cost. Employed SoapUI as a testing tool to conduct comprehensive XML testing and validation, ensuring the reliability and accuracy of XML data in various software applications.
- **Front-End Developer, Savanti's Solutions, INDIA** **January 2018 – October 2020**
 - Contributed to the development of the company's current front-end application. Implemented features and fixtures using JavaScript, HTML, CSS, and ReactJS framework.
 - Implemented comprehensive test cases using Mocha for JavaScript in front-end development to ensure robust and reliable web application performance.
 - Conducted thorough debugging and code reviews to identify and resolve issues, ensuring seamless functionality and high-quality code before deployment.

PROJECTS

- **Internet Banking Application:** A Java with Spring Boot based application that facilitates the users which has modules as account, admin, beneficiaries, customers, nominees, transactions, and users, ensuring secure, efficient operations and prioritizing user experience.
- **Lyric Based Song Genre Classification:** Lyric-based genre identification aids music categorization, playlist creation, and recommendation systems, NLP techniques like tokenization, stemming, and stop word removal, with ML models such as Random Forest, LSTM, and CNN for lyric-based genre identification, demonstrating LSTM's effectiveness.
- **Ecommerce Website:** The Java-based Spring Boot web app facilitates online food transactions. Customers browse items, search, view, & cart. They proceed to checkout, track, & manage accounts. Admins access a dashboard for management.
- **Wikipedia Clone:** The Wikipedia Clone Project, developed with modern web technologies, offers users an interface. Users access & contribute to articles. Features include browsing, creation, tracking, accounts, and an admin panel for management.