



Nikhitha Konda

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EDUCATION

Masters, Computer Science (GPA – 3.8)

University of Central Florida, Oviedo, FL

August 2022 – May 2024

Relevant Coursework: Design Analysis of Algorithms, Data Structures, Machine Learning

TECHNICAL STACK

- **Programming Languages:** Java, JavaScript, Python, C
- **Web Technologies:** HTML, CSS, Angular, React, Bootstrap, Typescript, React
- **Frameworks:** Spring Boot, Rest API, Hibernate
- **Test Cases:** Junit, Mocha, Espresso
- **Database:** MySQL, Oracle, MongoDB
- **Other Tools:** AWS, Git, Postman, Soap UI, Putty, Service-Now, LDAP, JIRA, Swagger, Jenkins, Splunk
- **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 "Computer Forensics" courses through tutorials and lab sessions. Collaborated with professors to develop course materials and assessments.
- **Full Stack Developer, EQUIFAX (CAPGEMINI), INDIA** **April 2021 - August 2022**
 - Created web application 'Flight Management System' using **Java and SpringBoot**, implementing responsive and secure front-end interfaces with **HTML, CSS, JavaScript, Typescript, RestAPI**.
 - 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 Equifax's 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**.
 - Developed **Unit tests** for the applications using **JUnit** in **Test-driven-development**, making sure all the critical cases are covered for all the components.
 - 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.
 - Received a **Helping Hand Award** for providing **extensive production support** in record time at Capgemini.
- **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 (Internship), Savanti's Solutions, INDIA** **January 2019 – October 2020**
 - Contributed to the development of the company's current front-end application. Implemented features and fixtures using **JavaScript, HTML, and CSS**. Integrated **React** framework to merge front-end with backend.
 - 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 details, and add to cart. They proceed to checkout, track orders, and manage accounts. Admins access a dashboard for product and order management.
- **Wikipedia Clone:** The Wikipedia Clone Project, developed with modern web technologies, offers users an interface akin to Wikipedia. Users access and contribute to the articles. Features include article browsing, creation, history tracking, user accounts, and an admin panel for management.