Jaswanth Yadla

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PROFESSIONAL EXPERIENCE

Software Developer, *Inteli Platforms*   Aug 2023 – present | Charlotte, USA

- Implemented RESTful APIs, leveraging Java and Spring Boot, resulting in a 30% increase in API response speed as compared to SOAP APIs and a 25% reduction in endpoint errors, enhancing the overall efficiency and reliability of the backend services.
- Developed a responsive Angular app with Bootstrap and Angular Material, seamlessly communicating with backend services using JSON for enhanced user interface and overall user experience.
- Conducted performance profiling and indexing on MySQL database and refined SQL statements, achieving a consistent 20% decrease in query execution time.
- Orchestrated Docker containers using Kubernetes in collaboration with DevOps teams, resulting in a 35% reduction in infrastructure costs and designed CI/CD pipelines utilizing Jenkins to automate build, test, and deployment processes.
- Utilized Git for version control within GitHub, ensuring effective and organized code management.

Associate Software Engineer, *Cake Zone*   Mar 2020 – Oct 2021 | India

- Collaborated with cross-functional teams to implement modern and responsive web designs using HTML5, CSS, and JavaScript, Angular resulting in an enhanced user interface and improved user satisfaction.
- Integrated third-party payment gateway APIs using java and spring boot at backend to facilitate secure and seamless payment transactions, providing customers with various payment options and leading to a notable 30% improvement in website checkout efficiency.
- Implemented and refined Test-Driven Development (TDD) practices, employing JUnit and Mockito to systematically reduce post-release issues by 20%, demonstrating a proactive approach to ensuring code reliability.
- Actively participated in Agile and Scrum, contributing to sprints and daily stand-ups, and ensuring task updates on Jira for streamlined tracking.

SKILLS

Programming Languages: Java, Python, C++, C, Kotlin, JavaScript.
Web Technologies & Frameworks: HTML, CSS, Bootstrap, jQuery, AJAX, JSP, Spring MVC, JSON, XML, Hibernate, Angular, React JS, JUnit, Mockito, Angular Material UI, Spring Boot, Spring Security, OAuth, OpenID Connect, Agile, Test Driven Development (TDD), Git.
Databases: MySQL, MongoDB, Microsoft SQL Server.
Tools & Data Libraries: Visual Studio Code, GitHub, Postman, Jira, Maven, Gradle, NumPy, pandas, Scikit-learn, Matplotlib, Altair, Streamlit.

EDUCATION

Masters in Computer Science, *University of North Carolina at Charlotte*   Jan 2022 – May 2023 | Charlotte, USA
Related Coursework: Big Data Analytics using AWS, Database Systems, Software System Design & Implementation.

Bachelors in Computer Science, *RMK Engineering College*   Jun 2016 – Sep 2020 | Chennai, India
Related Coursework: Advanced Data Structures & Algorithms, Operating Systems, Cloud Computing.

PROJECTS

Sentiment Analysis using Logistic Regression ⬀

- Developed and implemented a sentiment analysis model using Logistic Regression to analyze large-scale textual data and classify sentiments into positive, negative, and neutral categories.
- Leveraged natural language processing (NLP) techniques and feature engineering to enhance the model's performance and accuracy in capturing complex language patterns.
- Conducted thorough evaluation and fine-tuning of the Logistic Regression model, achieving an impressive 80% accuracy and contributing valuable insights to inform business decisions.

Monolithic Quiz Application

- Developed a Java-based Quiz application with Spring Boot and MySQL, enabling users in quiz participation, response submission, and instant score viewing.
- Implemented CRUD operations for quizzes, questions, and user information using Spring Data JPA, ensuring efficient data management.
- Implemented RESTful API endpoints for quiz generation, question retrieval, and user response management, following the Spring MVC architecture. Through thorough verification using Postman, ensured a 25% improvement in API response times, guaranteeing enhanced functionality and reliability.

Activity Tracker - Android App

- Developed an android application in Kotlin built for efficient day-to-day activity tracking, resulting in a 30% increase in user productivity and organization.
- Engineered a streamlined user experience by integrating precise date and time settings with comprehensive activity descriptions, enhancing user engagement and yielding a 20% rise in overall user satisfaction.
- Employed the MVVM design pattern in conjunction with ROOM database, ViewModels, and LiveData, resulting in enhanced code maintainability and a 15% reduction in potential bugs.

CERTIFICATIONS

- AWS Academy Graduate - AWS Academy Data Analytics ⬀   • Introduction to Tableau

- Getting started with AWS Machine Learning