KIRITI MUNIPALLE

+1(469) 544 3741 | kiriti.1206@gmail.com | linkedin.com/in/kiriti-munipalle | https://kiriti456.github.io/kiriti-portfolio/portfolio

PROFESSIONAL SUMMARY

Experienced Full Stack Developer with a proven record of two years in implementing scalable web applications, working knowledge on front-end and back-end technologies, and efficiency in collaborating with cross-functional teams to deliver high-quality solutions. Strong problem-solving skills and a commitment to keep up with emerging trends in software development.

EDUCATION

University Of Memphis, USA   **Graduating May, 2025**
Master's in Computer Science   GPA–3.77/4

GITAM University, India   **July, 2017 – June, 2021**
Bachelors of Technology in Computer Science and Engineering   GPA–8.31/10

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, TypeScript, Python, C, C++, SQL, PL/SQL
Problem Solving Skills	Data Structures and Algorithms
Frameworks	Spring Boot, RESTful web-services, Micro Services, Angular, TestNG, JUnit, Selenium
Databases	MySQL, Oracle, PostgreSQL, MSSQL, MongoDB
Platforms & Tools	Git, Postman, Swagger, Kibana, Jenkins, Jira, Rally, UML, Service Now, Cucumber, Flagsmith
Operating Systems	Linux, Windows, Mac
Virtualization Tools	Docker

WORK EXPERIENCE

UnitedHealth Group (Optum Global Solutions), India: Java Full Stack Developer   **August, 2021 – August, 2023**
Project: MNR Portals

- Worked with a cloud-based web portal using Adobe Experience Manager (AEM) as the content management system.
- Redesigned and implemented existing internal micro-app which alone contributed to 18% increase in quarterly sale.
- Improved the end-user experience by developing user-friendly front-end components and features with Angular Framework for performance optimization, and responsiveness of web application.
- Hands-on experience in developing scalable micro-services to enhance maintainability, and facilitate agile development, while concurrently developing RESTful APIs to ensure seamless communication between Angular front-end and back-end services and optimizing data transfer.
- Created and modified test cases using TestNG, Selenium with best coding practices within ATDD framework that enables parallel testing which reduced the testing time of the application by 20%.
- Migrated monolithic application to micro-services architecture, which helped to reduce the system down time during deployments.
- Optimized JPA repos to streamline data storage and retrieval, minimizing database response time and decreasing latency in data accessing. Collaborated with cross-functional teams to create and develop data models while maintaining security and reliability of data storage.
- Adopted Agile web development methodologies, consistently delivering projects on time and ensuring efficient workflow in biweekly and monthly releases.
- Implemented Flagsmith feature flags to enhance dynamic control over application content and enabled efficient feature rollouts.
- Reduced the run time, heap memory and disk space by refining the CI/CD Jenkins pipelines.

ACADEMIC PROJECTS

Advanced Editor
Environment : Python3.6, Tkinter module
Designed and developed an advanced text editor multi-featured characteristics and all basic notepad functionalities. The advanced features inclusive of spell check along with accurate and matching word suggestions search and replace with word as well as with regular expression, speech-to-text, text-to-speech, and bad word filtering using fuzzy logic.

Basic Paint
Environment: Turbo C++ Using Init Graphics
Implemented a responsive paint application on the concepts of Object Oriented Programming (OOPs) by without depending on any native functions. Made use of mouse events and mathematical formulas in Graphical Programming for drawing shapes and user interaction. This project allows end users to draw shapes such as Circle, Ellipse, Rectangle, Square, and free style.