KIRITI MUNIPALLE

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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–3.75/4
GITAM University, India	**June, 2021**
Bachelors of Technology in Computer Science and Engineering	GPA–3.71/4

TECHNICAL SKILLS

Programming Languages	Java, HTML, JavaScript, Python, C, C++, Data Structures and Algorithms
Frameworks	Spring Boot, RESTful API, Micro Services, Angular, TestNG, Selenium
Databases	MySQL, Oracle, PostgreSQL, MongoDB
Platforms & Tools	Git, Postman, Swagger, Jenkins, Jira, Rally, UML, Eclipse, Visual Studio Code
Operating Systems	Linux, Windows
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.
- Created user-friendly front-end components and features with Angular Framework, elevating the overall user experience. Prioritized intuitive design, performance optimization, and responsiveness for an engaging web application.
- Developed RESTful APIs to enable seamless communication between the Angular front-end and back-end services, ensuring efficient data transfer and robust user interactions.
- Hands-on experience with creating scalable micro-services to enhance system modularity and maintainability, promoting agile development and easier management.
- Proficient in creating UI test cases using TestNG, Selenium within an ATDD framework that enables parallel testing, ensuring precise alignment and functionality with requirements and high-quality software.
- Gained valuable experience in Agile web development methodologies, ensuring timely project deliveries and efficient workflow in biweekly and monthly releases.

ACADEMIC PROJECTS

Advanced Editor

Environment : Python3.6, Tkinter module

Designed and developed a feature-rich text editor that incorporates essential notepad functionalities while also offering advanced capabilities to enhance user productivity and accessibility. Key features include:

- **Speech to Text :** Utilized speech recognition for transcription, enhancing accessibility and content creation.
- **Text to Speech :** Integrated text-to-speech for auditory input of the text present in the editor.
- **Spell Check :** Implemented spell-check with suggestions and color codes for content quality.
- **Bad Word Filtering :** Used fuzzy logic to filter offensive words, promoting a respectful environment.
- **Search and Replace :** Capable of efficient search and replace of the words.

Voice Assistant

Environment: Python3.6

Designed a voice assistant with capabilities comparable to Google Assistant, including answering queries about weather and time in various regions, performing mathematical calculations, launching applications, and executing media playback commands using voice control. Demonstrates proficiency in Python 3.6 and few python libraries.

Basic Paint

Environment: Turbo C++ (Using Init Graphics)

Designed a comprehensive paint program using Object Oriented Programming (OOPs) principles, without relying on native functions. This allows users to create shapes like Circle, Ellipse, Rectangle, Square, and free style drawings. Mathematical functions and mouse events in Graphics Programming were employed to ensure precise shape rendering and intuitive user interaction.