

KIRITI MUNIPALLE

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CAREER ASPIRATION

A Full Stack Web Developer skilled in Java, SpringBoot, Angular in a microservices architecture with exposure to Azure Cloud Platform and decent knowledge in System Design, Data Structures & Algorithms. Exposure to Software Development Life Cycle along with Agile Methodology. Looking forward to designing and developing applications and thereby becoming an Architect.

TECHNICAL SKILLS

Programming Languages:	Java, JavaScript, TypeScript, Python, C++, SQL
Frameworks:	Spring Boot, Microservices, Angular, RESTful APIs, AJAX, jQuery, Bootstrap, Selenium
Databases:	MySQL, Oracle, PostgreSQL, MongoDB
API Testing Tools:	Postman, Swagger
Platforms & Tools:	Azure DevOps, GitHub, GitLab, Kafka, Jenkins, Jira, UML, ServiceNow, Sauce Labs
Operating Systems:	Linux, Windows, macOS
Virtualization Tools:	Docker, Kubernetes
Cloud Platforms:	Azure

WORK EXPERIENCE

Protective Life, Alabama, USA | *Full Stack Engineer*

06/2024 – Present

Project: Policy Admin System

- Experience in end to end development including analysis, design, development & troubleshooting in Spring Boot & Angular.
- Led the migration of Java Swing to a modern web-based application, which increased accessibility and efficiency.
- Leveraged Spring Cloud features such as Open Feign, Circuit Breakers, Service Discovery and API Gateway, improving scalability and robustness of the application.
- Designed and developed data models, demonstrating good communication and collaboration skills with cross-functional teams to ensure productive data management.
- Created a Java based microservice from beginning, following industry best design patterns and programming standards.

UnitedHealth Group (Optum Global Solutions), India | *Full Stack Developer*

08/2021 – 08/2023

Project: Drug Cost Estimator

- Worked with a cloud based web-portal using Adobe Experience Manager (AEM) as the content management system, monitoring a total of 11 scalable microservices.
- Recreated an internal micro-app, boosting quarterly sales by 18%, much appreciated by Senior Software Engineer.
- Delivered critical bug fixes for backend distributed systems, improving user experience over 10 million + application users.
- Improved UI by developing Angular components and optimized RESTful APIs for smooth frontend & backend interaction.
- Led the transition from a monolithic to microservices architecture, minimizing system downtime during deployments, and refined JPA repositories for quick data retrieval.
- Created and updated test cases with Selenium, TestNG, and Cucumber, resulting in a 20% reduction in testing time and 96% code coverage using JUnit, assuring expected functionality.
- Facilitated Agile project management for biweekly releases and efficient delivery. Integrated Flagger for real-time feature control and streamlined deployment with CI/CD pipelines, cutting build time by 10%.

University of Memphis, USA | *Technical Analyst*

05/2024 – Present

- Streamlined web application upgrades, automated spreadsheet creation and updates from internal application, and created visual reports to improve data visibility and decision-making, resulting in an 80% reduction in manual spreadsheet tasks.

ACADEMIC PROJECTS

Advanced Editor *Python3.6, Tkinter module*

- Implementing an advanced text editor featuring spellcheck, word suggestions, search and replace (including regular expressions), speech-to-text, text-to-speech, and fuzzy logic-based bad word filtering.

Basic Paint *Turbo C++ Using Init Graphics*

- Developed a responsive paint application adopting Object-Oriented Programming principles, utilizing mouse events and mathematical formulas to create shapes such as circles, ellipses, rectangles, squares, and freehand drawings.

EDUCATION

University Of Memphis, USA

Graduating 05/2025

Master's in Computer Science

GPA-3.72/4

GITAM University, India

07/2017 – 06/2021

Bachelor's in Computer Science and Engineering

GPA-8.31/10