KIRITI MUNIPALLE

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PROFESSIONAL SUMMARY

Full Stack Engineer with 2+ years of experience in Java, Spring Boot, Angular within a microservices architecture with exposure to Azure and decent knowledge in System Design, Data Structures & Algorithms. Exposure to Software Development Life Cycle (SDLC) along with Agile Methodology. Eager to design and develop applications and thereby becoming an Architect.

TECHNICAL SKILLS

Programming Languages:	Java, JavaScript, TypeScript, Python, C++, SQL
Frameworks:	Spring Boot, Microservices, Angular, RESTful APIs, Apache Kafka, Bootstrap, JPA Data
Platforms & Tools:	Azure DevOps (ADO), GitHub, Jenkins, Jira, UML, ServiceNow, SonarQube, Sauce Labs
Databases:	MySQL, Oracle, PostgreSQL, MongoDB
Operating Systems:	Linux, Windows, macOS
Virtualization Tools:	Docker, Kubernetes
API Testing & Build Tools:	Postman, Swagger, Maven, Gradle

WORK EXPERIENCE

Protective Life Corporation, Alabama, USA | *Full Stack Developer*   **June 2024 – Present**

Project: Policy Admin System

- Led the successful migration of a Java 11 Swing application to a modern Java 17 web-based design, which doubled accessibility and efficiency for thousands of agents and clients.
- Engineered Java microservice in a fast-paced agile environment from end-to-end contribution including analysis, design, development & troubleshooting in Angular & Spring Boot with 25+ RESTful APIs and 100+ CRUD operations.
- Leveraged Spring Cloud features such as Open Feign, Circuit Breakers, Service Discovery and API Gateway, promoting scalability and 60% improvement in the performance of application.
- Developed modules to convert XML and CSV file data to a JSON object for enabling communication between microservices.

UnitedHealth Group (Optum Global Solutions), India | *Software Engineer*   **August 2021 – August 2023**

Project: Drug Cost Estimator

- Worked on a cloud-based web-portal using Adobe Experience Manager (AEM) as the content management system for a total of 11 scalable microservices.
- Redesigned an internal micro-app, integration with multiple third-party APIs through dynamic mapping, leading to 18% growth in quarterly sales. Much appreciated by Senior Software Engineer.
- Executed critical bug fixes in backend systems, particularly in a key module for accurate pricing, alongside optimizing Angular components and REST APIs, leading to 5% performance boost and improved service quality for 10 million+ users.
- Automated test cases using Selenium, TestNG, and Cucumber, led to 20% reduction in testing time and 96% code coverage with JUnit for validating application's functionality.
- Utilized Scrum methodologies for efficient bi-weekly release cycles, integrated Flagsmith for real-time feature control and optimized CI/CD pipelines, saving 10% of build time.

University of Memphis, USA | *Technical Analyst*   **May 2024 – June 2024**

- Automated creating spreadsheets and updates from an internal application, delivering visual reports for data visibility using python pandas and matplotlib, leading to a 80% reduction in manual spreadsheet tasks and 5x faster decision making.

ACADEMIC PROJECTS

Advanced Editor   *Python3.6, Tkinter module*

- Implemented a stand alone responsive editor app, featuring spellcheck, word suggestions, search and replace (including regular expressions), speech-to-text, text-to-speech, and fuzzy logic based bad word filtering with 100% accuracy.

Paint   *Socket Programming with Java 17*

- Developed a paint application using Object Oriented Programming (OOPs) concepts, mouse events and math formulas without calling native functions in Graphical Programming for drawing 10+ shapes along with free style.

EDUCATION

University Of Memphis, USA - Master's degree in Computer Science (August 2023 – May 2025)

GITAM University, India - Bachelor's degree in Computer Science (June 2017 – June 2021)