Tumaini Ussiri

SOFTWARE ENGINEER IN ST. LOUIS, MO

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Proactive Backend Developer with a unique academic background in English literature, I blend technical proficiency in software engineering with a keen sense for critical thinking and problem-solving. Enhanced by effective communication and collaboration skills, I am dedicated to innovation and eager to contribute to a forward-thinking team.

LANGUAGES		FRAMEWORKS		DATABASES	TOOLS
• **Java**	• **TypeScript**	• **Node.js**	• **AngularJS**	• **MySQL**	• **GitHub**
• **HTML5/CSS3**	• **JavaScript**	• **Spring Boot**	• **ReactJS**	• **MongoDB**	• **Firebase**

EXPERIENCE

ImmunoGuard — Your Personal Vaccination Assistant (Java, Spring Boot, MongoDB, Express, ReactJS)

- Created a full-stack immunization management web application using React, Node.js, Express, and MongoDB.
- Established a production-ready environment with role-based access control and Redux state management.

Mealify — Recipe Sharing and Meal Prep (Java, Spring Boot, MySQL, AWS, ReactJS)

- Created a social web application using Java, Spring Boot, and React for users to share, rate, and save recipes.
- Developed RESTful API with Spring Boot for user authentication and recipe management.
- Implemented comprehensive unit tests for backend services and controllers, ensuring the application's reliability and stability.

WORK EXPERIENCE

Digital Humanities Fellow, Washington University in St. Louis, St. Louis, MO, Aug-2018-Aug-2020

- Led the design, testing, and deployment of digital exhibits and companion websites for professor and faculty projects, showcasing adherence to software engineering best practices.
- Enhanced project functionality and user experience through strategic API and digital tool utilization.
- Improved data efficiency through the creation of scripts for data conversion and synchronization with existing audio files in the library archive.

Graduate Research/Teaching Fellow, Washington University in St. Louis, St. Louis, MO, Sept-2017–Present

- Demonstrated strong leadership and communication skills through designing and teaching courses on literature, writing, and digital humanities.
- Facilitated discussion and analysis of written and digital materials.
- Convened a reading group on digital tools and methods in the humanities, fostering team collaboration.
- Collaborated with stakeholders on the development of websites and digital exhibits to support university projects.

EDUCATION

LaunchCode, LC101 Programming Course – 2023
Washington University in St. Louis Ph.D. English Literature – In Progress
Washington University in St. Louis MA, English Literature – 2019
University of Illinois Urbana-Champaign BA, English Literature – 2015