Sharon Ngetich

Front-end Developer Profile

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Analytical and resourceful individual with comprehensive knowledge of front-end development and programming. Able to create key features to enhance user experience, determine structure/design of web pages, and transform designs into prototypes. Capacity to generate reusable code and libraries, test units to assess functionality, and optimize applications for maximum speed and scalability. Ready to perform and excel in Agile team environment while supporting project goals and activities.

Technical Proficiencies

Programming:	Java ▪ JavaScript ▪ HTML5/CSS3
Frameworks:	AngularJS ▪ Bootstrap ▪ Hibernate ▪ Junit
Databases:	MySQL
Tools:	IntelliJ ▪ VSCode ▪ Thymeleaf ▪ GitHub

Experience Highlights

LaunchCode, St Louis, MO   2021
Programming Student

Gained understanding of using foundational structures of code to solve problems in JavaScript programming language. Learned to build web applications utilizing database to manage user data. Explored common developer tools and best practices to write professional-quality code. Developed skills to drive programming projects leveraging in-demand skills and technologies. Studied statements, variables, data types/structures, code style, flow control, unit testing, test-driven development, objects, classes, terminal usage, web application working, views, templates, exceptions, databases, and object-relational mapping.

- St Louis Attractions Guide: Developed SpringBoot CRUD web application to enable users to search for attractions.
- Flight Simulator: Used DOM and event listeners to enable buttons to function properly based on flight position.
- Scrabble Score calculator: Generated game calculator in JavaScript where players pick between three algorithms.

Central Methodist University, Fayette, MO   2015 – 2019
Computer Science Student

Enhanced knowledge related to database systems, networking, management information system, computer architecture, operating systems, data structures, algorithms, and computer and information security. Built analytical, communication, and problem-solving competencies. Attended classes focusing on database technologies, programming languages, hardware, and software packages.

- Loan Application Calculator: Produced app to calculate amount of money based on loan interest, years, and payments.
- Candidate Testing Program: Introduced program to prompt students for answers, check input accuracy, and grade quiz.

Key Projects

Shi Clothing Store: Created customer-facing, e-commerce website with shopping cart, quick view, and checkout page.
Tri travel: Designed mobile-friendly, travel website with animations as well as dark and light modes.
Ri Food: Developed mobile-first, fully responsive restaurant website with engaging user interface.

Additional Experience

Museum Assistant, Stephens Museum, Central Methodist University, Fayette, Missouri, 2015 - 2016

Education

LC101 Programming Course, LaunchCode, 2021
Bachelor of Science in Computer Science, Central Methodist University, 2019