

Jamaal Wairegi

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RECENT PROJECTS

Nonsense Store

(<https://nonsense-store.netlify.app>)

January 2026 / Programmer

- Combined front-end and back-end technologies to mimic an online storefront
- Powered a seamless full-stack web application by using the technologies of the MERN Stack–MongoDB, ExpressJS, React, and NodeJS
- Maintained database operations utilizing MongoDB Atlas and Heroku

Reactionary Notes

(<https://reactionary-notes.netlify.app>)

December 2025 / Programmer

- A single-page web application used to create small text notes
- Utilizes React and Typescript to build an interactive website
- Showcases resizable, draggable, and text-editable React component management

Personal Website Development

(<https://jamaalkw.com>)

May 2025 - PRESENT / Programmer

- Utilized HTML, CSS, PHP, JavaScript, and Ruby to build a static website and develop website for both desktop and mobile platforms
- Built and maintained an Apache HTTP web server using Raspberry Pi 5 hardware to host website
- Implemented security measures, such as web traffic tunnels and firewalls, to monitor web traffic and secure important information on host network

Revature Pre-Employment Project, Revature

(<https://github.com/jamaalkw/jamaalkw-projects-pep-spring-project>)

MARCH 2025 - MAY 2025 / Java Intern

- Applied skills in Java and SQL over the course of eleven

EDUCATION

Denison University

SEPT 2021 - DEC 2024

- B.A., Computer Science
- Minor, Economics

SKILLS

- MongoDB
- React
- Typescript
- HTML
- CSS
- JavaScript
- Ruby
- Python
- Java

TOOLS

- Spring / Spring Boot
- Maven
- GitHub
- Linux
- MySQL
- MongoDB Atlas
- Ruby on Rails
- Middleman
- Microsoft Office Suite
- Netlify
- Heroku

SOCIALS

- LinkedIn: [linkedin.com/in/jamaal-wairegi/](https://www.linkedin.com/in/jamaal-wairegi/)
- GitHub: github.com/jamaalkw
- Website: jamaalkw.com

weeks and maintained communication with Revature employees to demonstrate progress and skill

- Solved 108 coding tasks centered around advanced use of Java frameworks, Relational Databases and SQL, REST API, and Spring
- Completed two projects centered around creating and maintaining a RESTful API backend utilizing Javalin and Spring

Web Application Development, Ohio State University

(<https://github.com/jamaalkw/OSU-CSE3901-Final-Project-Archive>)

JUNE 2024 - JULY 2024 / Student Programmer

- Engineered an interactive web application using Ruby on Rails, JavaScript, and HTML over a three-week period, serving as the final project for Ohio State University's intensive CSE-3901: Web Applications course.
- Managed the end-to-end development lifecycle, including planning, design, and implementation of both front-end and back-end functionalities.
- Researched relevant libraries and tools to enhance development efficiency and application performance.
- Implemented Test-Driven Development (TDD) principles to methodically identify and resolve bugs, contributing to a stable and reliable codebase.
- Collaborated effectively in a team environment, utilizing consistent communication and code reviews to maintain project velocity and quality.

RELEVANT COURSEWORK

- **Denison University**
 - Algorithms & Analysis (CS-371, 2024)
 - Database Systems (CS-377, 2024)
 - Computer Systems (CS-281, 2023)
 - Data Privacy (CS-323, 2023)
 - Data Structures (CS-271, 2022)
- **Ohio State University**
 - Web Applications (CSE-3901, 2024)
 - Cybersecurity (CSE-4471, 2024)