

# Kadeen Jennings

## Junior Software Developer

Grove City, Ohio | 614.432.9459 | [Kadeen.Jennings@gmail.com](mailto:Kadeen.Jennings@gmail.com) | [LinkedIn](#) | [Portfolio](#)

Laboratory scientist with strong problem-solving skills and experience in software development. Completed immersive, project-based bootcamp with expertise in building, debugging, and deploying web and console applications. Bringing strong interpersonal skills and computational thinking fundamentals to the software development industry.

### Technical Inventory

**Languages:** Java, JavaScript, HTML, CSS

**Technical Skills:** TDD, OOP, MVC, TDD, Spring Boot, Hibernate, Spring JPA, Spring MVC, Agile (Scrum), JSON, REST APIs, Responsive Design Web, CI/CD (GitHub, Git), Relational Databases, IntelliJ IDEA, React, Node

### Software Development Project Experience

#### Virtual Pet API

*Java, Spring Boot, Spring JPA, Spring REST API, Hibernate*

- Developed an API to track the status of multiple pets in a shelter, improving shelter management efficiency.

#### Donut Maker

*HTML, CSS, JavaScript*

- Developed a donut-themed website with a unique currency system, allowing users to create donuts by clicking buttons and purchase Auto Clickers and Donut Multipliers to increase donut production. The website provided an engaging and addictive user experience.

#### Island Hopping

*HTML, CSS, EJS, Express, Node, SQL, JavaScript*

- Designed and implemented an island-hopping recommendation application as part of a 3-person team within a 2-week timeframe. The app enables adventure-seekers to explore information on continents, countries, and islands based on their preferences, uncovering hidden gems and off-the-beaten-path destinations.

#### Geography To Go

*Java, HTML, CSS, React, Spring Boot, Spring JPA, Spring REST API, REST APIs, JavaScript*

- Contributed to the design and implementation of a geography educator recommendation application that enables users to access and explore information on countries, flags, and capitals via Map SVGs. Completed within a 4-week timeframe as part of a 4-person team.

#### Mystery Educator

*Java, HTML, CSS, React, Spring Boot, Spring JPA, Spring REST API, REST APIs, JavaScript*

- Developed educational art website for children (6-12) using Java, HTML, CSS, React, Spring Boot, REST APIs. Enabled exploration of art forms, influential artists, and the creative process. Demonstrates proficiency in Java, HTML, CSS, React, Spring Boot, REST APIs. Completed within a 2-week timeframe as part of a 3-person team.

### Education

#### Certificate of Software Development

*We Can Code IT*

March 2023

*Columbus, OH*

#### Bachelor of Science, Biology

*Otterbein University*

May 2014

*Westerville, OH*

### Experience

#### Laboratory Scientist 2

*Ohio Department of Health*

February 2022 - Present

*Reynoldsburg, OH*

- Operated, maintained, calibrated, and troubleshooted complex microbiology instrument systems, including the BACTEC 960 System, High-Performance Liquid Chromatography System, and others.
- Assisted in training new personnel, participated in proficiency testing programs, and contributed to team development.

#### Biological Scientist

*Ohio Department of Health*

August 2016 - February 2021

*Reynoldsburg, OH*

- Performed and maintained equipment maintenance and calibration, ensuring the optimal functionality of laboratory tools.
- Prepared written and oral technical reports, answered questions, troubleshooted equipment and reagent issues, and made recommendations to the lead scientist for inclusion in comprehensive reports.

**Laboratory Scientist 2***Ohio Department of Health*

May 2016 - August 2016

*Reynoldsburg, OH*

- Engaged in troubleshooting activities for abnormal test results or equipment malfunctions.
- Successfully identified positive pools and cases of West Nile virus in Ohio.
- Collaborated effectively with colleagues, handling tasks efficiently under tight deadlines.

**Laboratory Scientist***West-Ward Pharmaceuticals*

January 2016 – April 2016

*Columbus, OH*

- Conducted both qualitative and quantitative chemical and physical testing, demonstrating proficiency in diverse analytical techniques.
- Maintained laboratory data systematically in laboratory notebooks, worksheets, and documents, ensuring an orderly and organized record-keeping system.
- Conducted peer reviews of analytical testing documentation, ensuring accuracy, completeness, and adherence to established standards.

**Assistant Researcher***Smitsonian Tropical Research Institute*

June 2013 – August 2013

*Gamboa, Panama*

- Performed laboratory data collection, entry, and analysis, ensuring data integrity.
- Calibrated equipment and monitored data to maintain accuracy and consistency.
- Conducted web-based literature searches, summarized findings, and compiled information.
- Prepared and presented publication and educational materials for effective knowledge dissemination.

**Software Development Project Experience***We Can Code IT*

October 2022 – March 2023

*Columbus, OH*

- Engaged in an immersive and project-based software development bootcamp, focusing on building foundational skills in programming, web development, and software architecture.
- Developed proficiency in programming languages, including Java, JavaScript, HTML, CSS, and SQL, enabling the creation of dynamic and interactive web applications.
- Actively participated in workshops, seminars, and coding challenges, consistently staying updated with industry trends and best practices in software development.