

# Katherine Gil

Software Developer



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Software developer and Army Veteran with technical and management experience as a logistics specialist. Utilizing full-stack languages enhanced by the appropriate development frameworks in order to produce efficient code that maximizes performance while maintaining existing software functionality.

## Technical Skills

HTML - CSS - Bootstrap - JavaScript - jQuery - Java SE - Java EE (Servlets, JSP) - Spring - MySQL - Thymeleaf - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming

## Development Projects

### [i-Plant](#)

A dynamic E-commerce website focused on selling products such as plants, seeds, and trees. i-Plant provides a unique feature that allows users to upload any plant image to fetch results, such as common name and scientific name, from an external API regarding the specific plant. By using CSS and JavaScript, users can scroll through the products page to display information about each product when the users hover over it; the card will rotate to display information and also add to a product a shopping cart. The products that are in the store are saved in the database that was created using Java and MySQL.

### [Weather Map](#)

Weather Map is an individual project that displays real-time weekly weather reports based on desired input location. Users can type any city or country where they wish to know the weather and a live five day forecast report will display. OpenWeather and Mapbox APIs were utilized to fetch data to allow dynamic geographic selection and updates. This project was developed using JavaScript, CSS, and HTML.

### [GreenCup Films](#)

A paired-programming single page application where users can add, edit and delete movies. The home page has a flip-card style design that was created with CSS that displays information about each movie. Glitch served as the backend of the project. When a fetch call is made the JSON file from Glitch transmits the data to the frontend. The structure and functionality were created with HTML and JavaScript.

### [Coffee](#)

A Paired-programming project that allows users to search for the desired coffee roast and as well as to add their preferred roast. Coffees can be searched by name and roast. Users can navigate through the website easily due to Bootstrap and JavaScript. The structure of the site was created with HTML, while CSS was the language that describes the presentation of the document.

## Professional Experience

**Fort Bragg** - Fayetteville, NC

*Water Treatment Team Leader* / Apr 2015 - Oct 2020

- Performed water quality analysis and advanced water tests to ensure potable water for the all members during training exercises
- Recorded more than 700 tests and prepared reports to interpret results for supervisors
- Managed Inventories of equipment and parts with precision to cut orders costs 20%
- Assisted in water reconnaissance and site preparation for 500 members during integrated training exercises
- Supervised a 15-person team providing individual mentorship to encourage professional development
- Worked with superiors to achieve company goals

**Q-west**, Iraq

*Product Manager* / Dec 2016 - Sep 2017

- Tested and distributed over 7 million gallons of the fuel in support of Operation Inherent Resolve Iraq 2017
- Played an integral role in creating a new method to receive, test, and distribute fuel

- Achieved 99.5% average delivery rate on supplies without losses
- Maintained utmost discretion when dealing with sensitive topics
- Ensure equipment's operational readiness by scheduling regular maintenance of vehicles valued at more than 2 million

## **Education**

### **Codeup**

Certification of Completion

Jan 2022 - Oct 2022

A fully-immersive, project-based, and intensive 20-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development

### **William Peace University**

Bachelor of Arts

Completed four years of undergrad in exercise and fitness studies focusing on helping individuals optimize health