

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 architectures and frameworks to produce efficient code that maximizes performance and user needs 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

[Coffee](#)

Pair programming project that allows users to search for a desired coffee roast and as well as to add their preferred roast. Coffees can be found by name and roast. Utilizing JavaScript, and Bootstrap users can navigate through the website easily. The structure of the webpage was created with HTML while CSS was the language that describes the presentation of the document.

[Weather Map](#)

Weather Map is an individual project that displays real-time weekly weather reports based on desired input location. API calls to WeatherApp and Mapbox to allow dynamic geographic selection and updates. Developed using JavaScript, CSS, and HTML.

[Movies](#)

Pair programming project with flip-card style-page displaying a movie collection with posters. Allows users to search, add, edit and delete movies. Glitch was utilized as a remote JSON file to fetch movies to the project. The structure and design were created with HTML and CSS. Functionally the movie web app was achieved using JavaScript.

[i-Plant](#)

A dynamic E-commerce website focused on selling products such as plants, seeds and trees. i-Plant provides a unique feature which 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 the products when the users hover over it the card will rotate to display information and to add to the cart. The products that are in the store are saved in the database that was created using Java.

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