


Gary Smith

Software Developer

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 [LinkedIn/GarySmith](https://www.linkedin.com/in/GarySmith)

 [GitHub/GarySmith](https://github.com/GarySmith)

Software Developer and Air Force veteran with an active secret security clearance and a background in training and leadership. Experience in program management has increased my ability to effectively solve problems and that along with a natural interest in technology inspired the shift to web development. Looking forward to leveraging 13 years of military expertise and strong technical skills to find innovative ways to solve problems in an ever-evolving business.

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

Exposure to: Ruby

Development Projects

[StackKnot Full Stack Web App](#)

Paired programming Java Spring project utilizing Maven, MySQL, Bootstrap and Thymeleaf. StackKnot is a place for web developers to go and sharpen their skill set. The app includes sets of cards to study different aspects of a full stack application as well as the ability to generate tests from those set cards. The App has search and CRUD functionality for subjects and sets. There is also a whiteboard practice section equipped with an embedded text editor. Once complete with a solution users can get solution images, held by Cloudinary API, to check their answer. Spring security for authentication of user or admin features.

[Adlister Project](#)

Paired programming Craigslist like project using Maven for dependency management within the Java project. MySQL, as the model, stored user and ad information. JSP files, as the view, contained all forms/HTML for user input. Servlets, as the controllers, contained logic for input validation, error handling, and database interaction. Project has filter and CRUD functionality for users, ads, and categories. Also, utilized Bootstrap framework for design and BCrypt for password security.

[Movie Project](#)

Paired programming project using jQuery to fetch movie data from the OMDb API and Glitch repo. Used async/await utility as well as JSON to fill out movie data fields properly when loading and to catch errors. Loading graphic included while waiting for data from the API. Project has CRUD and filter capabilities for movies that are displayed. Bootstrap utilized for the styling of the individual modals of each movie as well as the navigation bar in the HTML/CSS.

[Weather Map](#)

Project using MapBox and One Call API to display 5 day weather forecasts. MapBox Geocoder was used to produce the draggable marker on the map. On dragging the weather updates in real time. Open Weather from the One Call API was used to get the current weather data. Weather cards and search bar were produced using Bootstrap. jQuery and Geocoder update the map with user input into the search bar.

[Coffee Project](#)

Paired programming project utilizing Github organizations for version control management. HTML and CSS for the structure and styling of the page. Used DOM event listeners for selecting types of coffee and to update prices. Local storage to retain user inputs on browser refresh when the add coffee function is utilized. JS objects, functions and conditionals were utilized to render and filter the coffee selections based on type.

Military Experience

Clearance:

Active - Secret 2018 - 2028

United States Air Force - San Antonio, TX

Program Manager / Nov 2018 - Current

- Assisted with the design of a cloud based asset data collection and retrieval application with the innovations team.
- Liaison for multi-million dollar contract to increase production of over 700 assets annually in a high risk training environment.
- Manage 21 personnel in a professional development program to ready over 1000 students for training in austere environments.
- Appropriately allocate resources, budgets, inventories, training support for a 40 hour college accredited course.

Instructor Supervisor / Jul 2015 - Nov 2018

- Supervised over 800 instruction hours utilizing formal evaluation measures to ensure compliance standards were met.
- Developed, implemented and revised operating instructions, study guides, schedules, and lesson plans for 24 courses annually.
- Instructed over 2500 hours for a college accredited course that intakes over 600 students annually.

United States Air Force - Colorado Springs, CO

Operations Training Instructor / Jan 2013 - Jul 2015

- Utilized military software to design training for entry to intermediate level personnel to increase productivity rates.
- Orchestrated multiple joint exercises that increased personnel upgrades across different organizations to maintain global deployment readiness.
- Instructed and qualified over 50 simulated and live missions in high risk training to ensure deployment taskings met.

Section Supervisor / Dec 2010 - Jan 2013

- Advised upper echelon staff on effective integration of airpower into combat maneuvers to maintain command and control.
- Managed \$1.5 million of communication and vehicle systems equipment to achieve full integration operations.

Education

Codeup

Certification of Completion

Oct 2021 - Apr 2022

A fully-immersive, project-based, and intensive 22-week Full-Stack Java Career Accelerator that provides students with 670 hours of expert instruction in software development.

The University of Alabama

Bachelor of Science in Human Environmental Sciences

Sep 2016 - May 2020

Completed undergraduate degree in food and nutrition in a dietetics track.

Community College of the Air Force

Associate of Applied Science in Information Systems Technology

Apr 2008 - Apr 2015

Completed associates degree focusing on principles of electronic communication.