




# Raymond Dugan

Software Developer

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Army veteran and passionate Software Developer with previous experience in project management and customer service in the Information Technology industry. Skills obtained in the IT industry of problem-solving, communication, and teamwork will be instrumental in building user-friendly, scalable applications that will benefit both the user and the company.

## Technical Skills

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

*Exposure to:* PYTHON, C++, REACT, MongoDB, EXPRESS JS, NODE JS, MARIA DB

## Development Projects

### [Clear To Close](#)

Is a full-stack application that streamlines the home buying and selling process. The front-end is a user-friendly display that was composed using HTML, Tailwind CSS, Bootstrap JS and JQuery. Clear To Close uses a MySQL database to track users and listings, along with an AWS S3 database for file upload.. Listing details are pulled through an outside API that is secured through Spring Boot. Users can register and login securely using Spring Security, OAuth 2.0 and JWT's. The back-end is served with Spring Boot and custom API endpoints.

### [Sir Bloggify](#)

This is a full-stack application that uses HTML and React to display different views. CSS and Bootstrap were used to add the stylings to all of the pages. Front-end functionality and data manipulation were done through the JavaScript library JQuery. Through the Java Framework, Spring Boot, custom APIs, and modeling were done to communicate, save and serve up data from a MySQL database. This application has full authentication through the use of JSON Web Token and OAuth2 Spring Security dependency.

### [Bankist](#)

This application uses HTML, CSS, and Vanilla JS throughout the entire project to create a banking website and application. This handles login information, transfers between accounts, deposits, and withdrawals and can remove accounts if the user wishes to close them.

### [Weather Map Project](#)

An individual project that uses HTML, CSS, and Bootstrap to create the front-end interface to display current, hourly, and daily weather data. The data is received and distributed using JavaScript, JQuery and the Open Weather Map API, and the Mapbox API for geolocation and real-time map query.

### [R&D Coffee](#)

This project was a paired programming effort to design a landing page where users could request additional coffees to be added to the menu and search through existing coffees by roast type or name. This was done using HTML, CSS, CSS Animations and Keyframes, Javascript, and some JQuery.

## Military Experience

**Army National Guard** - Houston, TX

*Field Artillery Tactical Data System Specialist* / Nov 2010 - Jan 2012

- Coordinated with team members to operate complex weapon systems according to strict safety and quality control regulations.
- Trained 80+ individuals on the data systems for Field Artillery.
- Troubleshot data-related problems and coordinated maintenance or modifications to correct defects.

**Army** - Joint Base Lewis/McChord, Wa

*Field Artillery Tactical Data System Specialist* / Jan 2007 - Oct 2010

- Maintained full accountability for high-value items, equipment, and supplies.
- Coordinated fire and troop movements with other personnel and units during training exercises.
- Quickly learned new skills and applied them to daily tasks, improving efficiency and productivity which led to being selected to perform duties above rank.

## Professional Experience

**Stefanini IT Solutions (Dow Chemical)** - Freeport, TX

*Deskside Technician* / Aug 2020 - Jul 2021

- Assisted customers in identifying issues and explained solutions to restore service and functionality.
- Smart hand support with networking, server, and communication technologies.
- Troubleshoot problems or issues with desktops and laptops and provided Windows and Mac support, including experience in the Command Line Interface and Terminal Interface.

**Farmers Insurance** - Arvada, CO

*Onsite Technical Support* / Oct 2017 - Jun 2020

- Installed and maintained local servers while assisting with ongoing computer and software maintenance.
- Resolved diverse range of technical issues across multiple systems and applications for customers and end-users
- Trained and mentored new hires, resulting in stronger staff development and increased productivity.

## Education

**Codeup**

Certification of Completion

Dec 2021 - Jun 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.

**Capella University**

Major in Information Technology

Minor in System Development: Web Application

Credit Hours Earned: 100hrs