

# Nicholas Barrera

Full Stack Web Developer

**Clearance: Active Secret**

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Full Stack Web Developer U.S Marine Corps Veteran with experience in IT operations and maintenance, 3D Modeling and Design. Eager to use my love and knowledge of computer science with my leadership skills to work in a team to build full stack applications.

## Technical Skills

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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

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### [MyFitTracker](#)

Get your health back on track with MyFitTracker. MyFitTracker is a simple but effective application where you can log your daily calories. You can search custom meals, and exercises from the NutriotionIX API, and get the amount of calories from each event. Finally, you can see your progress after each day, and see what you need to do to complete your goals. MyFitTracker is made using SpringBoot, and Thymeleaf.

### [Weather Map](#)

A weather app without the bells and whistles. This application gives you a 5 day forecast based on the city you input. If you are interested in choosing a specific location, you can do so with our embedded map. The forecast is provided using the OpenWeatherMap API, and the map is pulled from the Mapbox API. The data is displayed using HTML and Javascript.

### [Movie App](#)

The one stop application for movie buffs. You can search practically any movie and pull up a synopsis, rating, and movie poster(if applicable). Movie App pulls data from TMDB API and gives the user the ability to filter movies by different genres, and add movies to their favorites list using Javascript. The styling for the website uses a mixture of CSS and Bootstrap.

### [Contact Manager App](#)

A simple yet effective way to manage your contacts. The Contacts Manager App allows the user to view, add, delete, and search through their contacts list. The contacts are displayed in a table that lets you easily identify your list. Contact Manager App is a command line application and is programmed with Java.

## Military Experience

**Clearance: Active Secret Granted: Jul 2017**

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### US Marine Corps

Electronics Repair Technician/ Apr 2016 - Sep 2021

- Led and managed an IT department of five technicians to improve productivity and reduce downtime of two offices to by planning, installing, and maintaining the infrastructure
- Acted as the first point of contact for all major technical issues including power outages, network failures, and other communications failures allowing our daily productivity to flourish
- Made daily service requests through a global system in order to repair, replace, or order new items that were essential to our mission
- Was the sole maintainer on a 9 month deployment for a detachment of 8, in charge of creating service requests, and conducting daily quality control measures for all equipment.

## Professional Experience

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### ThreeDee Guy

CEO & Owner / Jul 2020 - Jul 2022

- Used Blender software to design 3D models by request from customers in a timely manner for purchase
- Increased my 3D printing farm from 1 to 5 printers in order to keep up with the demand from my online store
- Handled different tasks for my business from talking with the customer, creating the design, manufacturing the product, and shipment
- Grew a strong social media presence that helped drive traffic to my online shop and that ultimately increased my profits

## Education

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### Codeup

Certification of Completion

Jul 2022 - Jan 2023

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