


Miguel Gutierrez

Full Stack Software Developer

 (562) 336-5071

 miguel.a.gutierrez87@gmail.com

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

 [GitHub/MiguelG87](https://github.com/MiguelG87)

Professional Software Developer and Marine Corps Veteran with an active security clearance, possessing a wealth of experience in team-building, project management, and problem-solving, allowing the ability to excel in any project I take on. With my security clearance, I can work on highly sensitive projects with the utmost discretion and professionalism, delivering solutions that are not only innovative and productive but also secure and fully compliant with all relevant laws and regulations. Leveraging my expertise in full-stack development and my passion for programming, I can craft cutting-edge, user-friendly solutions that enhance the functionality of software applications and drive their productivity while maintaining the highest standards of security and confidentiality.

Technical Skills

HTML - CSS - Bootstrap - JavaScript - ES6 - jQuery - Ajax - JSON - RESTful API - REST API - Maven - Java SE - Java EE (Servlets, JSP, J2EE) - File I/O - MVC - Spring Boot - Hibernate - MySQL - Thymeleaf - Object-Oriented Programming (OOP) - Test-Driven Development (TDD) - Version Control with Git - Paired Programming - Agile Methodologies - Debugging - AWS Deployment - Apache TomCat - Unit Testing (JUnit)

Exposure to: Agile Management Tools - KanBan for Workflow - Project Management Tools - Github Pages - NPM - Scrum Stand Up - Documentation - Spring Framework - C

Soft Skills

Collaborative - Peer Review - Innovative - Strong Communication Skills - Teamwork - Builds Relationships - Initiative - Analytical - Flexibility - Reliable - Integrity - Work Independently - Visualization - Virtualization- Willingness to Learn - Collaborate - Problem Solving Skills - Research Skills - Dedicated - Competitive - Self-motivated - Committed - Team Player - Innovative - Independent - Written and Oral Communication Skills - Culture - Fast Paced

Development Projects

Capstone Project Name: [Live Site](#) | [Repository](#)

Worked collaboratively with a group of developers to design, plan, build, and deploy a mobile-responsive full-stack web application. After finalizing a project proposal, we created user stories and developed feature lists, wireframes, storyboards, database diagrams, and a project management board. Through morning stand-ups and afternoon demos, we leveraged an Agile workflow to execute the full development lifecycle through deployment to AWS. [If applicable: Additionally, integrated XYZ APIs for enhanced user functionality.]

Skills: Paired Programming, HTML, CSS, Bootstrap, Java, JavaScript, Spring Boot, Spring Boot Security, API.

Adlister Project: [Live Site](#) | [Repository](#)

A simplified version of Craigslist that allows users to post and browse advertisements. The project provides a functional and user-friendly platform for posting and browsing advertisements, while also providing me with experience in web development, database management, and software testing.

Skills: Paired programming, HTML, CSS, JavaScript, Spring, MySQL, and jQuery.

Weather Map Project: [Live Site](#) | [Repository](#)

A weather application that gives the forecast for locations around the world. The application is designed with a clean and intuitive interface that allows users to quickly and easily access the information they need. The application makes use of the latest weather data to provide hourly and daily forecasts for a variety of metrics, including temperature, precipitation, wind speed, and humidity.

Skills: HTML, CSS, jQuery, AJAX, and OpenWeatherMap API

Movie App: [Live Site](#) | [Repository](#)

Designed and developed a web-based movie database. Utilized RESTful API calls to enable CRUD (create, read, update, delete) functionality for dynamically rendered elements, including the use of modals to allow users to delete, add, and edit movies. Users can select individual checkboxes to delete multiple movies at once and edit movie details by title and year.

Skills: Paired programming, JavaScript, HTML, CSS, jQuery, OMDb API

Personal Site: [Live Site](#) | [Repository](#)

The personal site project developed was designed to showcase skills, projects, and provide a means for visitors to get in contact. The landing page features interactive buttons to guide visitors to different sections of the site. The "About Me" page provided a brief background, skills, and experiences. The "Projects" page showcased a selection of recent projects with links to the source code and demo. The "Contact Me" page included a contact form integrated with Emailjs, enabling visitors to submit emails conveniently. Overall, the personal site project aimed to create a professional online presence, highlighting skills, projects, and offering a user-friendly means of contact.

Skills: HTML, CSS, JavaScript

Coffee Project: [Live Site](#) | [Repository](#)

Worked in collaboration with a partner to design and develop a web-based coffee website, with a primary focus on enhancing the user experience and interface. We utilized dynamic elements that were drawn from an object array to display coffee names and roast types and also implemented local storage functionality that enabled users to save and retrieve their search results. To further improve the user experience, we added the ability for users to create new coffee types and roasts and also incorporated filtering options by roast type through key entry or selection.

Skills: Paired programming, JavaScript, HTML, and CSS.

Military Experience

United States Marine Corps

Lead Satellite Network Technician | Oct 2016 - Aug 2020

- Organized and implemented satellite networks, ensuring seamless support for users and equipment, including routine and intricate assistance.
- Set up, resolved issues, and managed networks, offering users various services such as internet connectivity, secure email, IP phones, and video teleconferencing.
- Carried out necessary repairs, performed technical inspections, and played a direct role in maintaining operational readiness above 90% for all satellite communications terminals.

Satellite Communications Systems Manager

- Took charge of a team responsible for the construction, maintenance, and deployment of wired and wireless networks, enabling users to access services like internet, DSN, and secure email through satellite communications terminals.
- Regularly designed, deployed, and resolved issues with both local area networks (LAN) and wide area networks (WAN) to support diverse users and applications.
- Implemented effective solutions to enhance standard operating procedures and provided guidance to operational leaders in planning large-scale network architecture.
- Provided oversight for on-the-job training of over 30 department employees, ensuring their skill levels were developed to a confident standard and aligning their assignments with their individual strengths and weaknesses.

Professional Experience

FedEx Supply Chain

Electronics Technician II | Apr 2022 - Nov 2022

- Installed and tested industrial controls, including computerized systems that monitored and regulated automated production lines
- Assisted DevOps Engineer in the development and installation of station programs using automation software
- Conduct functional tests to measure the performance of production electronic systems, assemblies, and sub-assemblies
- Assisted RF Engineer in developing processes as required and ensured all test equipment calibration requirements were maintained
- Provided technical support and feedback to production team of over 300+ team members

Education

Codeup

Certification of Completion

Feb 2023 - Jul 2023

This 5-month coding boot camp teaches full-stack software development through 670 contact hours of hands-on technical training (20% more time than 4-year degree majors require). Students hone skills in modern web technologies, computer science, software engineering, and application architecture while gaining project experience with pair programming, debugging, troubleshooting, agile project management, user stories, feature lists, UI/UX, wireframing, and relational database design.

Basic Electronics

Certificate of Completion

Aug 2015 - Oct 2016

Students learn basic electricity, electronics, digital logic, computer operations, circuit principles, troubleshooting and soldering

Electronics Technician in Satellite Communications

Certificate of Completion

Aug 2015 - Oct 2016

Students learn fundamentals of digital and microwave communications, multi-channel transmission principles, FM transceivers, satellite communications theory, and component level troubleshooting