


# Miguel Gutierrez

Full Stack Software Developer

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 [LinkedIn](#)

 [GitHub](#)

 [Portfolio](#)

Professional Software Developer and Marine Corps Veteran with expertise in team-building, project management, and problem-solving. Possesses an active security clearance, enabling work on sensitive projects with discretion and professionalism. Skilled in full-stack development, delivering innovative, secure, and compliant software solutions that enhance functionality and productivity while maintaining 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 - 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

**AutoConnect:** [Live Site](#) | [Repository](#)

AutoConnect is a user-friendly web-based platform connecting users with certified mechanics for automotive maintenance and repairs. It offers easy access to key features like Login/Register, Find Mechanic, Forum, and Home. Users can search for mechanics in their area, view profiles with expertise, reviews, and ratings, and schedule appointments based on availability. The platform includes a forum for discussing car-related topics, and registered users can create posts and leave comments. User profiles allow managing appointments and payments, while mechanic profiles highlight skills and availability. AutoConnect aims to provide a seamless experience for users to connect with reliable mechanics.

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

**Adlister Project:** [Demo](#) | [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.

**Movie App:** [Demo](#) | [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

## 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 operations.

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.

### **Nucamp Coding Bootcamp**

#### Certification of Completion

Nov 2022 - Jan 2023

This immersive program is designed to provide participants with a solid foundation in web development and empower them to create engaging and dynamic websites utilizing HTML, CSS, JavaScript, and Visual Studio Code.

### **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