

# Rogelio De La Garza

## Full-Stack Software Engineer | Veteran | Secret Clearance

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**Junior Full-Stack Developer** with a strong leadership background honed during **8 years of military service**, leading teams of 30 or more. Proficient in **HTML/CSS, PostgreSQL, Django, and React**, **two years** of hands-on coding experience in **Python, JavaScript, C#**, and a deep understanding of software development principles. Skilled in collaboration and teamwork, I excel in building robust web applications while fostering mentorship and development in others.

### TECHNOLOGIES & CERTIFICATIONS

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**Languages & Frameworks:** Python, JavaScript, C#, HTML, CSS, Django, React.js, PostgreSQL

**Other Tech Skills:** Git, GitHub, Excel, Power Query, PowerPoint, Tableau, MS SQL Server, Jupyter Notebook, Bootstrap, Test-Driven Development, Object-Oriented Programming, Agile Methodologies

**Certifications:** SFA Agile Practitioner, CIW: Site Development Associate, CIW: Internet Business

### RECENT PROJECTS & PROFESSIONAL DEVELOPMENT

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**Code Platoon - 15 Week Full Stack Web Development Bootcamp**, (with 5 months of Pre-work)

**September 2023**

**Code-Editor:** Browser-Based Python Code Editor for Self-Paced Learning

- A project developed for Code Platoon's Self-Paced Intro to Coding course, enabling students to write, execute, and test Python code directly in the browser without server-side dependencies
- Built with React with modular components to optimize performance and scalability; integrated Monaco Editor for an enhanced coding experience and used Pyodide with WebAssembly in a sandboxed Web Worker to securely execute python code.
- Features support for user input handling, full Python error handling with tracebacks, and responsive design for embedding in LMS platforms.

**Job-Application-Tracker:** Full-Stack Web Application streamlining job search processes.

- A web application that empowers users to manage job applications featuring dynamic job creation with CRUD capabilities.
- Utilizes React.js, Django, and PostgreSQL, hosted on AWS for seamless deployment and scalability.

**Music-Discovery-App:** Full-Stack Web Application that allows the user to create a randomly generated playlist off user input.

- A personal project where a user can sign up and create a random playlist based on mood, task, genre, etc. introducing them to a new world of music and expanding their musical palette.
- Built with React.js, Django and seamlessly integrates the Spotify API and utilizes PostgreSQL for robust data management through a CRUD API.

### WORK EXPERIENCE

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**Code Platoon | Foundations of Programming Instructor | Remote**

**September 2023 - current**

- Instruct a Foundational Programming course for Code Platoon, a coding bootcamp, serving as the precursor to cohort enrollment, with a primary focus on Python, Object-Oriented Programming, data structures and algorithms.
- Continuously adapt and refine the curriculum to align with current industry trends and demands, resulting in an increase in student graduation rates.

**Accenture | Internship | Texas Medicaid HealthCare Partnership**

**June 2024 - August 2024**

- Created and standardized Local Work Instructions (LWIs) by coordinating with LWI owners to identify necessary changes, revising documentation for clarity, and enhancing troubleshooting guides to streamline reporting procedures.
- Developed and utilized data-driven tools to identify trends and provide actionable insights through descriptive, prescriptive, and predictive analytics, supporting the administration of Texas Medicaid and other state health care programs.

**U.S. Army | Supervisor | Platoon Sergeant | North Carolina**

**October 2021 - January 2023**

- Supervised a 30-person team engaged in crucial Engineer Tasks, including Demolition, Data Collection, and Team Leader training, with a focus on safety and skill development demonstrating exceptional leadership and management skills.
- Managed equipment exceeding a value of over \$400,000, honing my expertise in coordinating complex operations, fostering team cohesion, and resource management, all of which are integral to achieving mission success.
- Cross-trained personnel from NATO allied countries in American military and Civil/Structural Engineer tasks and equipment, significantly strengthening the alliance between the United States Army and its international partners.