

Nestor Arturo Guerrero Castro

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Summary

I thrive in the intersection of software engineering, data analysis, and emerging technologies like cloud computing and AI. My approach combines curiosity-driven learning with practical problem-solving, allowing me to quickly adapt to new technologies and methodologies. Currently deepening my expertise in cloud architecture and modern software development practices. I'm excited to connect with like-minded individuals and explore opportunities that align with my passion for technology and innovation.

Technical Skills

Programming Languages: Python, JavaScript, SQL, HTML/CSS (SCSS)

Frameworks & Libraries: Astro

Cloud & Tools: Git/GitHub, AWS (learning), Docker (basic), Linux

Areas of Interest: Software Development, Data Analysis, Cloud Technologies, Artificial Intelligence, Automation

Education

National Training Service (SENA), Associate's Degree/In Progress in Software Analysis and Development – Cesar, Colombia Nov 2023 – present

- Relevant Coursework: Software Engineering, Data Structures and Algorithms, Database Management, Cloud Computing

Projects and Extracurricular Activities

Game of Thrones Wiki Aug 2025

This project is an immersive fan wiki dedicated to the Game of Thrones universe, featuring a richly designed medieval-themed interface that captures the essence of Westeros. The website provides comprehensive lore, house information, and interactive elements that bring the world of ice and fire to life.

- HTML5 for semantic structure, CSS3 for sophisticated styling and animations, and JavaScript for dynamic animations
- The medieval aesthetic is achieved through careful typography choices, custom CSS animations, and a cohesive color scheme using CSS variables for consistent theming throughout the site.
- Interactive character quotes are achieved through JavaScript cycles that rotate quotes at timed intervals, with smooth fade transitions implemented through CSS animations, creating an engaging focal point on the homepage.

AWS APAC Solutions Architecture virtual experience program on Forage Sept 2025

Completed the AWS APAC Solutions Architecture virtual experience program on Forage, gaining hands-on experience in designing and implementing cloud solutions using AWS services.

- Gained practical knowledge of AWS services such as EC2, S3, RDS, and Lambda.
- Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

Accenture UK Developer and Technology Virtual Experience Programme on Forage

Sept 2025

Completed the Accenture UK Developer and Technology Virtual Experience Programme on Forage, enhancing my understanding of software development and technology consulting.

- Completed the Developer and Technology Job Simulation where I developed an end to end understanding of the Software Development Lifecycle.
- Conducted in-depth research into emerging technology trends, particularly in the field of DevOps, demonstrating a proactive approach to staying informed about the rapidly evolving tech landscape.
- Created and delivered a compelling PowerPoint presentation analysing and comparing Waterfall and Agile methodologies.
- Designed a custom algorithm using pseudocode and effectively communicated its logic by creating a detailed flow diagram.
- Debugged a program written in Python by fixing syntax and logic errors in the code.

Languages

Spanish: Native

English: Professional Working Proficiency

Soft Skills

- Problem Solving
- Attention to Detail
- Quick Learner
- Effective Communication
- Team Collaboration
- Self-Motivated