US • HCOLONSOFTDEV@GMAIL.COM • 787-243-0820

HÉCTOR COLÓN MORALES

Software Engineer

PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience building scalable applications and automated data workflows. Proficient in SQL, Python, JavaScript/TypeScript, AWS serverless (Lambda), and modern front-end frameworks; applies ETL automation and CI/CD practices to improve throughput and reliability. Delivers measurable reliability and performance gains through instrumentation, code reviews, and cross-functional collaboration while pursuing opportunities to expand cloud-native data engineering and full-stack expertise.

EMPLOYMENT HISTORY

ASSOCIATE DATA ENGINEER — **Aug 2025 - Present**
Abarca Health LLC — *Remote*

- Designed automated Python and Stonebranch workflows eliminating routine manual data tasks and improving uptime.
- Developed complex SQL scripts to support reporting and analytics with measurable reporting accuracy gains.
- Collaborated with cross-functional teams to validate PBM datasets and resolve data inconsistencies promptly.
- Implemented monitoring and on-call processes to reduce pipeline incident resolution time and ensure availability.

SOFTWARE DEVELOPER II — **Dec 2023 - Aug 2025**
Vantor — *Remote*

- Led code review process to cut recurring incidents and reduce downtime with measurable reliability gains.
- Conducted comprehensive testing and debugging to deliver releases on schedule and meet project specifications.
- Mentored junior developers through code reviews and pair programming to improve code quality and team throughput.
- Collaborated with cross-functional teams to resolve complex issues and enhance application performance and reliability.

SOFTWARE DEVELOPER I — **Dec 2022 - Dec 2023**
Vantor — *Remote*

- Developed RESTful APIs to streamline system communication and improve application performance handling 44,000+ records.
- Implemented AWS Lambda serverless ETL to process over 44,000 data entries with improved throughput.
- Maintained CI/CD pipelines and performed code reviews to ensure reliable deployments and code quality.
- Optimized API endpoints to reduce response times and increase overall system efficiency.

FRONT-END TEAM LEAD
NeoDeck Holdings Corp.

Jan 2022 - Nov 2022
Ponce, PR

- Led a team of six developers to deliver over ten features on schedule, boosting team productivity by 20%.
- Implemented a release candidate workflow that reduced bug occurrences by 40% and improved deployment reliability.
- Mentored and coached developers to raise technical proficiency and enhance overall team performance.
- Monitored Kubernetes pods and managed microservice modules using Docker and YAML to ensure stable production operations.

FRONT-END DEVELOPER
NeoDeck Holdings Corp.

Oct 2019 - Jan 2022
Ponce, PR

- Developed Angular web interfaces improving user task flow with measurable performance gains.
- Implemented TypeScript coding standards that reduced front-end defects and sped deployment cycles.
- Optimized CSS and component structure to cut page render times and enhance responsiveness.
- Collaborated with backend teams to resolve integration issues and deliver consistent UI behavior.

EDUCATION

BACHELOR OF SCIENCE, COMPUTER ENGINEERING
Polytechnic University of Puerto Rico-Orlando

Aug 2012 - Jun 2018
San Juan, PR

CERTIFICATIONS

AWS CERTIFIED CLOUD PRACTITIONER
Amazon Web Services (AWS)

Apr 2027

AWS CERTIFIED DEVELOPER - ASSOCIATE
Amazon Web Services (AWS)

Apr 2027

SKILLS

SQL, Python, JavaScript, TypeScript, HTML5, CSS, Angular, Bootstrap, React, DynamoDB, AWS, Kubernetes, Docker, Stonebranch, Git, Jenkins, Postman, PyCharm, Lens, Adobe XD, CI/CD, Team Collaboration, Problem Solving, Agile Methodologies, Team Leading.

LINKS

Personal Website: www.hcmorales.com.

LANGUAGES

Spanish *(Native)*, English *(Proficient)*.