

# HÉCTOR COLÓN MORALES

*Software Engineer*

## PROFESSIONAL SUMMARY

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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

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### 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 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.
- ◆ Actively participated in monitoring and on-call rotations, contributing to faster pipeline incident resolution and improved 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.

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## **EDUCATION**

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**BACHELOR OF SCIENCE, COMPUTER ENGINEERING**  
***Polytechnic University of Puerto Rico***

**Aug 2012 - Jun 2018**  
***San Juan, PR***

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## **CERTIFICATIONS**

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**AWS CERTIFIED CLOUD PRACTITIONER**  
***Amazon Web Services (AWS)***

**Apr 2027**

**AWS CERTIFIED DEVELOPER - ASSOCIATE**  
***Amazon Web Services (AWS)***

**Apr 2027**

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## **SKILLS**

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SQL, Python, JavaScript, TypeScript, HTML5, CSS, Angular, Bootstrap, React,  
AWS (IAM, DynamoDB, S3, EC2, SNS, SES, SQS, Cloud Formation, Route53, Lambda), Kubernetes,  
Docker, YAML, Stonebranch, Git Hub / Git Kraken, Jenkins, Postman, PyCharm, Lens, Adobe XD,  
CI/CD, Team Collaboration, Problem Solving, Agile Methodologies, Team Leading, Unit Testing,  
Integration Testing, Functional Testing, Performance Testing, Rest API, Boto3.

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## **LINKS**

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Personal Website: [www.hcmorales.com](http://www.hcmorales.com).

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## **LANGUAGES**

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Spanish (*Native*), English (*Highly proficient*).