

# 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

<b>ASSOCIATE DATA ENGINEER</b> <i>Abarca Health LLC</i>	<b>Aug 2025 - Present</b> <i>Remote</i>
◆ 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.	
<b>SOFTWARE DEVELOPER II</b> <i>Vantor</i>	<b>Dec 2023 - Aug 2025</b> <i>Remote</i>
◆ 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.	
<b>SOFTWARE DEVELOPER I</b> <i>Vantor</i>	<b>Dec 2022 - Dec 2023</b> <i>Remote</i>
◆ 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**

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

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

## **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**

## **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.

## **LINKS**

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

## **LANGUAGES**

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