Héctor Colón Morales

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PROFESSIONAL SUMMARY

Dynamic and results-driven Software Developer with over 5 years of experience in both Front-End and Back-End development, excited to step into leadership roles. Demonstrated expertise in the detailed designing, careful developing, and proper scaling of software solutions through using cutting-edge technologies, such as AWS, Angular, and Python. Possessing skills in the leadership of cross-functional teams, in implementing strict code reviews, and in enforcing optimal practices which drive code quality, overall performance, and also scalability. AWS Certified Developer has a strong foundation in cloud-native development. This foundation is backed by a commitment to continuous learning and to encouraging innovation within teams.

EDUCATION

Bachelor of Science, Computer Engineering   Aug 2012 - Jun 2018

Polytechnic University of Puerto Rico, San Juan, PR

EXPERIENCE

Software Developer II   Dec 2023 - Present

Maxar Intelligence (Maxar Puerto Rico), Remote

- Proactively led code reviews, design discussions, as well as team meetings so as to foster a collaborative, high-performing environment, strengthening team engagement in addition to driving continuous improvement.
- Collaborated with cross-functional teams to diagnose and resolve complex technical issues, ensuring optimal application performance, reliability, and efficiency.
- Rigorously conducted testing and debugging for ensuring the timely, high-quality project delivery, with an important focus upon accuracy and alignment to project specifications.
- Regularly rotated among team members so as to monitor the system bi-weekly. It involved proactively recognizing areas fit for enhancement, plus reducing possible dangers, as well as optimizing workflow performance.
- Oversaw junior developers via code review guidance, partaking in pair programming, and support on typical workflow parts, error solutions, plus methods for refined team ability and project results.

Software Developer I   Dec 2022 - Dec 2023

Maxar Intelligence (Maxar Puerto Rico), Remote

- Integrated as well as developed RESTful APIs so as to streamline communication between systems, thereby considerably improving overall application efficiency and performance.
- Performed routine code checks and helped continuous integration and deployment (CI/CD) workflows, guaranteeing code quality, reliability, and smooth deployment of applications.
- A serverless architecture using AWS Lambda was implemented. This architecture was used to efficiently process over 44,000 data entries through ETL.

Front-End Team Lead   Jan 2022 - Nov 2022

NeoDeck Holdings Corp., Ponce, PR

- Led a team of 6 developers to achieve 100% on-time delivery of over 10 key features, resulting in a 20% increase in team productivity.
- Reduced bug occurrences by 40% through the implementation of a release candidate process, enabling clients to review new features without interrupting the regular development workflow, ensuring smoother and more reliable deployments.
- Mentored and coached team members, enhancing their technical skills and fostering a culture of continuous learning, leading to boosted team performance and development.
- Monitored the pods in a cluster of Kubernetes using Lens IDE, and utilized the pre-implemented Docker templates within YAML files to create and manage modules in a microservices-based project.

Front-End Developer
NeoDeck Holdings Corp., Ponce, PR.

- Developed interactive web applications using Angular, HTML, CSS, and TypeScript, significantly enhancing user experience across various company projects.
- Implemented best practices and coding standards to optimized efficiency and scalability of the front-end codebase.

SKILLS

Languages	Python, JavaScript, TypeScript, HTML5, CSS
Frameworks	Angular, Bootstrap
Databases	DynamoDB
Cloud	AWS (Lambda, SNS, SQS, S3, CloudWatch, API Gateways, IAM), Kubernetes & Docker (Basic)
Tools	Git, Jenkins, Postman, PyCharm, Lens (Basic), Adobe XD
DevOps	CI/CD, Jenkins
Soft Skills	Team Collaboration, Problem Solving, Agile Methodologies, Team Leading

PROFESSIONAL CERTIFICATES

AWS Certified Cloud Practitioner *May 2023*   Amazon Web Services (AWS)

Certified in AWS services, cloud computing concepts, and best practices. Proficient in navigating AWS Management Console, understanding key AWS services, and defining architectural principles.

AWS Certified Developer - Associate *April 2024*   Amazon Web Services (AWS)

Certified AWS Developer proficient in designing, deploying, and debugging cloud-based applications using AWS services such as Lambda, API Gateway, SQS, SNS, S3, DynamoDB, and CloudWatch.