Bianca Colón-Rosado

Senior DevOps Engineer
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Summary

DevOps Engineer with 6+ years of experience at TaskRabbit and Dolly, plus internships and academic roles at IBM and UPR. Recognized for ownership, security leadership, and cross-team collaboration. Skilled in cloud infrastructure, automation, and mentoring. Trusted to deliver under ambiguity and lead high-impact initiatives.

Core Strengths

- Expertise in AWS, Terraform, Ansible, Jenkins, Kubernetes, Docker, and Linux systems.
- Strong security mindset; led pentests, identity integrations, and vulnerability remediation.
- Proven ability to drive migrations, upgrades, and incident responses under tight deadlines.
- Effective mentor; advocate for diversity and inclusion in engineering.
- Collaborative partner across engineering, security, IT, data science, legal, and vendors.

Professional Experience

TaskRabbit / Dolly (Acquisition), San Francisco, CA   Aug 2018 – Present

- Led the March 2024 Dolly AWS migration, consolidating accounts in 30 days with zero downtime.

- Removed all EOL databases across TaskRabbit and Dolly (Jul 2025), covering all systems. Demonstrated solid operational rigor and achieved direct financial benefit, saving $24K annually on AWS by avoiding unsupported database fees.

- Became primary owner of Dolly's Kubernetes infra post-acquisition; managed KTLOs, vendors, PCI compliance.

- Delivered major infra upgrades: Ubuntu 22.04 EC2 fleet upgrade, Aurora migration, MLFlow.

- Strengthened security: Okta–GitHub integration (removed 11 dormant accounts), led 2023 and 2024 pentests.

- Recognized for calm handling of major incidents (Datadog outage, IKEA booking flow, Jenkins).

- Mentored engineers; onboarded Security team members and promoted CI/CD best practices.

DevOps Engineer   Feb 2020 – Oct 2022

- Took interim Security Officer role, leading 2022 Cobalt pentest and PCI audits.

- Built AMIs (Docker and multi-purpose) enabling faster recovery and patch rollout.

- Partnered on IKEA Phase 2 Fivetran integration, delivering more efficient solution.

- Supported Bug bounty program, incident responses, and staging/Jenkins outages.

- Mentored interns and coached women in tech across teams to promote inclusion.

Junior DevOps Engineer Aug 2018 – Feb 2020

- Migrated marketing content to isolated infra, freeing resources on production instances.
- Rotated MySQL sysadmin credentials, documented secure processes for repeatability.
- Proactively flagged potential issues, consistently delivered structured solutions.
- Recognized as "top talent" and trusted with security officer responsibilities early on.

IBM, Atlanta, GA Summer 2016 *Software Test Specialist (Intern)*

- Built automation feature for sysadmin tool to quarantine malicious servers, protecting networks.

Department of Computer Science, UPR Río Piedras 2014 – 2018 *Assistant*

- Managed Linux/Unix servers and department website.

TaskRabbit, San Francisco, CA Summer 2017 *Software Engineer (Intern)*

- Contributed to data science, front-end, and DevOps projects using Rails, Ansible, and Python.

Projects

Anomaly Detection in IPv4/IPv6 Network Flows 2014 – 2016 Implemented Benford's Law algorithm to detect anomalies in network traffic. Supported by NSF ATACK-PR grant. bit.ly/bianca-flows

Activities

#include<girls> since 2014 Supported women's academic, social, and professional development in Computer Science. includegirls.com

Education

B.S. in Computer Science University of Puerto Rico, Río Piedras (2018)

Technical Skills

AWS, Terraform, Ansible, Jenkins, Docker, Kubernetes, GitHub, SQL, Python, Linux, macOS, Windows. Languages: Native Spanish, Fluent English.