

Jocelyn Harper

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Skills

Java, Python, Go, TypeScript, JavaScript, Terraform, Kubernetes, Jenkins, MySQL, React, GraphQL, Node.js, Spring Boot, Docker, Dynatrace, New Relic, DataDog, Unix/Linux, Apache/NGINX, ArgoCD, Ansible, AWS, Cassandra, DynamoDB, Git, GitHub Actions, Circle CI, Generative AI, Kafka, Memcached, PostgreSQL

Experience

Splice

01/2025 - 08/2025 | Remote

Senior Software Engineer II

- Directed modernization of cross-team delivery workflows using automated schema validation and Gherkin-based contract testing, improving service reliability and velocity by 45%.
- Standardized observability across Payments platform in Datadog by introducing anomaly detection and optimized alert thresholds to reduce false alarms and noise.
- Partnered with Security Engineering to deploy crawler detection and rate-limiting in promo code APIs, preventing automated abuse and saving tens of thousands of dollars annually.
- Architected a fault-tolerant, observable promo code platform for Education Marketing, driving cross-functional alignment and enabling rapid deployability.

Datavant

02/2024 - 05/2024 | Remote

Staff Software Engineer

- Defined standardized API development workflows across Java and Python teams to streamline onboarding and reduce integration friction company-wide.
- Audited and optimized distributed systems to identify and resolve critical bottlenecks for development, accelerating feature delivery and build times.
- Implemented and maintained multi-environment CI/CD pipelines using Jenkins and GitHub Actions reducing feature release cycle time to hours and automated.

The New York Times

01/2023 - 12/2023 | Remote

Tech Lead, Staff Software Engineer

- Architected and implemented a new event-driven platform for email scheduling from an older system that positively impacted several teams across NYT's tech organization.
- Designed and implemented new accurate and actionable alerts and monitoring for all six of my team's services through DataDog.
- Analyzed current deployment architecture and implemented new variables, including moving from GitHub Release to CircleCI.
- Migrated and managed six services from deprecated Kubernetes clusters to ones that implemented new networking protocols.
- Participated in company-wide Engineering Standards meetings regarding code agnostic, Java, and observability standards.

PayPal

08/2020 - 02/2022 | Remote

Senior Java Software Engineer

- Explored, architected, and helped implement Java code changes that helped our Checkout application reduce latency by 65% and saved the company approximately \$100 million.
- Spearheaded updating documentation for all of the teams under our organization including onboarding and updated templates for architecture and exploratory documentation.
- Architected new deployment infrastructure for AWS lambdas in AWS Deploy and other AWS services.
- Implemented an improved ticketing process for all teams that involved engineers writing tickets in Gherkin syntax and complete acceptance criteria so it was easily readable for product and other engineers.

Capital One

07/2018 - 05/2020 | Wilmington, DE

Senior Java Full Stack Engineer

- Architected automated deployment pipelines with Jenkins to enable zero-touch releases and achieve 100% pipeline uptime.
- Led API rehydration processes across AWS East/West regions to maintain service continuity and data integrity.
- Developed Zelle Java payments service handling 500k+ requests monthly, driving 15% user growth within 30 days of launch.

O3 World

11/2017 - 07/2018 | Philadelphia, PA

DevOps Engineer

- Implemented Jenkins pipelines and load-balanced production services to reduce deployment downtime for key clients by >50%.
- Centralized DevOps documentation and process management, driving company-wide adoption of new architecture standards.

JPMorgan Chase & Co.

04/2016 - 11/2017 | Wilmington, DE

Java Software Engineer

- Developed Java tools to automate access provisioning and log parsing, eliminating manual errors in role assignment.
- Redesigned reporting systems in SharePoint and JavaScript to improve data accuracy and compliance reporting.