

JULIAN MERCER

JAVA DEVELOPER

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PROFESSIONAL SUMMARY

Java Developer with 8+ years building secure, high-throughput services with Java, Spring Boot, and event-driven architecture. Improves reliability, latency, and delivery safety across payment and commerce systems operating at enterprise scale.

CORE SKILLS

Java | Spring Boot | Spring Security | Microservices | Kafka | REST APIs | PostgreSQL | Redis | JUnit | Testcontainers | Kubernetes | AWS | System design | Observability | CI/CD

PROFESSIONAL EXPERIENCE

Senior Java Developer Stripe, San Francisco, CA

Jul 2022 - Present

- Designed Spring Boot services authorizing 48M daily payment requests, sustaining 99.995% availability during peak events.
- Reduced p99 authorization latency from 220 to 96 milliseconds through query, cache, and concurrency redesign.
- Implemented Kafka-based reconciliation with idempotent consumers, cutting unresolved ledger mismatches 87%.
- Introduced contract tests and progressive delivery gates for 16 services, reducing failed deployments 43%.
- Led incident reviews and mentored five developers, lowering repeat severity-two incidents 35% year over year.
- Standardized Micrometer dashboards and alerts, giving on-call engineers service-level context before escalation.

Java Developer Amazon, Seattle, WA

May 2019 - Jun 2022

- Built Java 17 inventory services processing 130M daily updates across 24 fulfillment regions.
- Replaced synchronous fan-out with event-driven workflows, improving peak throughput 2.7x at 18% lower compute cost.
- Created resilience tests for dependency failure and regional failover, raising recovery exercise pass rates to 97%.
- Automated OpenAPI client generation and compatibility checks, reducing integration rework across nine teams.
- Reviewed service designs for failure modes, data ownership, and operability before quarterly commitments.
- Implemented secrets rotation and dependency scanning, closing 96% of high-priority findings within service SLAs.

Software Engineer Capital One, McLean, VA

Aug 2016 - Apr 2019

- Developed Spring services for card servicing used by 6M customers, reducing manual account adjustments 22%.
- Migrated batch processing to partitioned jobs, shortening nightly completion from 4.8 hours to 96 minutes.
- Added unit, integration, and security tests that raised release coverage from 66% to 88%.
- Worked with analysts to reconcile transaction states, reducing recurring servicing exceptions 19%.

EDUCATION

B.S. in Computer Science, Virginia Tech, Blacksburg, VA

CERTIFICATIONS

Oracle Certified Professional: Java SE 17 Developer | AWS Certified Developer – Associate