Marcus Delgado

Software Engineer II | Software Engineer

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PROFESSIONAL SUMMARY

Backend software engineer with six years building payment and billing services in Java and Kotlin on AWS. Known for turning flaky, hard-to-change systems into well-tested services with clear ownership. Recent work covers event-driven design with Kafka, idempotent APIs and incident reduction through better observability.

PROFESSIONAL EXPERIENCE

Software Engineer II

Mar 2023 — Present

Brightfield Payments · Austin, TX

- Redesigned the refund pipeline as Kafka-driven Spring Boot services with idempotency keys, eliminating duplicate refunds that had required manual finance cleanup each month.
- Led migration of 11 services from EC2 to ECS with Terraform modules, shortening deploys from about 40 minutes to 9 and removing hand-edited server configs.
- Introduced Datadog tracing and SLO dashboards for the checkout path, helping the team cut paging incidents from roughly eight a month to two.
- Mentored two junior engineers through their first on-call rotations and reviewed an average of 15 pull requests a week across three repositories.

Software Engineer

Jul 2020 — Feb 2023

Pinecrest Labs · Dallas, TX

- Built invoice generation APIs in Java serving 3,000 business customers, including PDF rendering, tax line calculation and retry-safe email delivery.
- Replaced a nightly batch job with an event-based sync to the CRM, so account changes appeared for sales within minutes instead of the next morning.
- Raised unit and integration test coverage on the billing module from 35% to 78%, which let the team release weekly instead of monthly.

EDUCATION

BS, Computer Science — Lone Prairie State University **2020**

SKILLS

Technical: Java, Kotlin, Spring Boot, Kafka, PostgreSQL, Redis, AWS (ECS, SQS, DynamoDB), Terraform, Docker, Datadog, JUnit, gRPC, System design

Certifications: AWS Certified Developer – Associate