

ADRIAN MADRID

Staff / Senior Backend Engineer — Distributed Systems • Payments • Reliability • Ruby on Rails

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PROFESSIONAL SUMMARY

Staff-level backend engineer with 10+ years designing, shipping, and operating high-integrity distributed systems and large-scale payment pipelines. Expert in event-driven architectures, reconciliation and idempotency patterns, PostgreSQL performance, and building observable, reliable platforms. Comfortable owning architecture, writing ADRs, and leading cross-team execution.

CORE COMPETENCIES

Distributed Systems • Event-Driven Architecture • Payments & Settlement • Idempotency • Reconciliation • PostgreSQL • Ruby on Rails • Kafka • SQS • AWS • Kubernetes • Observability • SLOs • ADRs • System Design • Mentorship

PROFESSIONAL EXPERIENCE

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|--|--------------------------------|----------------------------|
| Acima Credit | Senior / Lead Developer | Nov 2013 - Present |
| <ul style="list-style-type: none">Owned architecture and delivery for distributed payment systems handling ACH, card, virtual card, and alternative payment methods; responsible for correctness, reconciliation, and operational safety.Architected event-driven services using Ruby on Rails, Kafka, SQS, Sidekiq, PostgreSQL, Redis, and AWS; designed idempotent workflows and DLQ/backfill strategies.Defined reconciliation guarantees and ledger-adjacent schemas to support traceability and safe backfills.Implemented structured logging, correlation IDs, distributed tracing, and SLO-driven monitoring to reduce MTTR and alert noise.Authored ADRs and migration plans; led cross-team design reviews and phased rollouts to reduce business risk.Mentored engineers through pairing and reviews; established shared ownership and clearer design review practices. | | |
| North Point Advisors | Lead Developer | Sep 2010 – Aug 2013 |
| <ul style="list-style-type: none">Led backend architecture and API redesigns across multiple applications, improved reliability and maintainability through schema and deployment changes.Collaborated with stakeholders to translate business requirements into durable technical solutions. | | |
| HyperXMedia / Prefab Markets | Lead Developer | Jun 2002 – Feb 2009 |
| <ul style="list-style-type: none">Managed web development and Linux infrastructure; implemented deployment and monitoring practices to improve uptime. | | |

SELECTED PROJECTS & IMPACT

Payment Pipeline Modernization: Replaced brittle batch flows with event-driven processing, introduced idempotency keys and DLQ handling, and improved operational safety for settlement and reconciliation.

Schema & Performance Redesign: Reworked PostgreSQL schemas and indexing strategies to support multi-tenant workloads and long-term scalability.

Observability & SLOs: Implemented structured logs, distributed tracing, and SLOs to reduce on-call load and accelerate incident diagnosis.

TECHNICAL SKILLS

Ruby, Ruby on Rails, PostgreSQL, MySQL, Redis, Kafka, Amazon SQS, Sidekiq, AWS, Kubernetes, Docker, Prometheus/Grafana, OpenTelemetry, CI/CD, TDD, REST/JSON, System Design, Reliability Engineering

EDUCATION

Brigham Young University — Coursework; program not completed

OPEN TO

Staff / Principal / Ruby on Rails Backend Engineer roles • Salt Lake City, UT • Remote / Hybrid