Dustin Kendall

Lead Full-Stack Software Engineer — compliance remediation · cloud cost reduction · API platforms

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SUMMARY

Engineer of record for work that has to hold up under scrutiny: regulatory remediation, production migrations with strict SLAs, and API platforms at bank scale. A decade across banking, payments, and industrial technology — resolving a regulator-issued finding, cutting cloud costs ~90% on rearchitected services, and raising platform availability while multiplying throughput. Leads a team of four; coaches API design across an entire engineering organization.

> Employers and clients are described, never named — the same discretion applied to client engagements. Verification available on request. Metrics are rounded.

EXPERIENCE

Lead Full-Stack Software Engineer — a top US bank — 2022 – Present

- **Resolved a regulator-issued MRA** by rebuilding error-prone servicing workflows: ~20% lower QA error rates, 48% fewer escalated complaints, +11-point customer-satisfaction gain vs. a 3-point platform baseline.
- **Remediated policy violations** in a back-office API; an in-depth entitlement review removed high-risk functionality outright, shrinking the audit surface.
- **Cut cloud costs ~90%** by rearchitecting always-on JVM services to event-driven Go on serverless compute; right-sizing and configuration fixes saved a further ~$12,000/month.
- **10x peak throughput** on the client-facing orchestration layer with no latency regression; availability rose 99.9% ⟶ 99.95% after migrating to a globally replicated managed database.

Software Engineer — a global payments technology company — 2022

- Led the Oracle ⟶ PostgreSQL migration of 13 applications on a nine-developer team, holding a **99.99% uptime SLA** via a custom data-layer failover.
- Delivered **30x query performance gains** on the core authorization service (peak 3,000 TPM); raised unit-test coverage from ~60% to ~95%.
- Drove contract-first API development (OpenAPI 3) and code generation, cutting planned development time by 75%.

Full-Stack Software Engineer — a global automotive & industrial technology supplier — 2018 – 2021

- Consolidated seven branded product lines — Python/Django APIs, iOS, and Android apps — into single multi-tenant platforms and unified CI/CD pipelines.
- **Designed a patented protocol** for storing and transferring binary industrial IoT test data; built the accompanying data-visualization tooling.
- Improved a Java client's throughput **100x** with concurrency-safe refactoring; raised test coverage from ~30% to ~90%.

EDUCATION & CREDENTIALS

BS, Electrical Engineering (minor: Computer Engineering)
Purdue University

AWS Certified · US patent holder (industrial data-transfer protocol)

SELECTED SKILLS

Languages: TypeScript/Node, Go, Java, Python, SQL
Cloud: AWS (Lambda, ECS/Fargate, Aurora, Step Functions), Terraform, CloudFormation
Practice: API design & coaching, contract-first development, entitlement review, performance & cost engineering