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EXECUTIVE PITCH BRIEF

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NextPatient

Staff Software Engineer — Legacy Integration & Platform Architecture (Ruby/Rails)

Target Role: Staff Software Engineer — Legacy Integration & Platform Architecture (Ruby/Rails)

Company: NextPatient **Comp Range:** \$250,000 — \$300,000 / yr (Remote, Full-time) **Lead Record:** [www.workremote` Posting #5048](http://localhost:31000/api/v0/job_postings/5048) **Tone Calibration:** Understated, fact-dense, zero-fluff. Written for engineering leadership & technical screeners. ---

1. Mission & Architectural Alignment NextPatient’s mandate — **decoupling modern patient experiences** (scheduling, check-in, waitlists, payments) from dated, legacy doctor’s office EHR systems — is a direct match for my 25+ year track record in **System Cartography, legacy subsystem decoupling, and zero-downtime platform safety**.

Why This Match Works (3 Grounded Signals):

- Legacy Healthcare System Integration:** Recently conducted a 90-day system cartography and operational risk assessment for EMR-Bear (a multi-tenant healthcare SaaS serving 130+ clinics following a founder transition). Established release verification gates across deployment pipelines to protect clinical uptime and HIPAA compliance boundaries.
- Strangler-Fig Decoupling & API Boundary Design:** At OneMain Financial, refactored high-volume financial customer acquisition flows spanning legacy database layers, multi-service Rails state machines, and third-party API supply chains — eliminating hidden lateral state mutations and reducing outage MTTR by 60%.
- OpenTelemetry & Dark Telemetry Illumination:** Founded and technically led the enterprise OpenTelemetry initiative at OneMain, converting dark legacy microservice behavior into empirical telemetry and quantifiable risk governance.

2. Fit Matrix & Seniority Calibration

Dimension	NextPatient Expectation	Mike's Grounded Evidence
Legacy Integration	Plug modern SaaS into legacy EHRs without breaking live clinical operations.	130+ clinical SaaS environments stabilized; strangler-fig API decoupling across financial monoliths.
Backend & Stack	Heavy Ruby on Rails, PostgreSQL, background jobs, zero-downtime migrations.	25+ years Ruby/Rails, PostgreSQL (including pgvector), Sidekiq/Redis, AWS/Kubernetes.
Core Stack Match	Platform Ownership	Staff IC leadership, responsibility realignment, developer velocity enablement.
Staff/Principal IC Match	Staff IC leadership, responsibility realignment, developer velocity enablement.	Founded and technically led ACQ Enablement team at OneMain; led cross-team architecture reviews.
Culture & Alumni	High technical autonomy, async documentation, craftsmanship rigor.	Groupon alumnus; founded Software Craftsmanship McHenry County (820+ members); author of *Panoramic View*.

Cultural Parity | --- ## 3. Proven Case Studies for NextPatient Leadership 1. **EMR-Bear 90-Day Risk Cartography & Clinical Governance (2026)**: - **Challenge**: Multi-tenant healthcare SaaS serving 130+ clinics faced operational risk during a founder exit. - **Action**: Reconstructed end-to-end dependency models (interaction surface to database locks) and instituted deployment release gates prior to HIPAA compliance review. - **Outcome**: Zero clinical downtime during founder transition; delivered empirical risk roadmap for platform modernization. - **Reference**: [case-studies/index.html#emr-bear-stabilization](https://www.just3ws.com/case-studies/) 2. **OneMain Financial Acquisition Lane Realignment (2021–2026)**: - **Challenge**: Implicit lateral state mutations across multi-step Rails state machines caused persistent data corruptions in high-volume loan acquisition flows. - **Action**: Refactored workflow state transitions, founded ACQ Enablement to protect remediation work, and deployed enterprise OpenTelemetry tracing across microservice boundaries. - **Outcome**: Reduced MTTR by ~60%, unblocked 4 parallel engineering streams, and eliminated outage cascades. - **Reference**: [case-studies/index.html#onemain-acquisition](https://www.just3ws.com/case-studies/) --- ## 4. Archival Technical Discussions & Provenance To evaluate my approach to software craftsmanship, legacy modernization, and technical community leadership: - 🎥 **Software Craftsmanship Retrospective**: [Software Craftsmanship McHenry County Retrospective](https://www.just3ws.com/history/) - 👤 **Panoramic View Architecture Methodology**: [The Panoramic View Discipline](https://www.just3ws.com/panoramic-view/) --- ## 5. Direct Outreach Strategy - **Primary Recruiter**: Sarah Fox (Senior Technical Recruiter, Ex-AWS, Ex-Groupon). - **Outreach Angle**: Lead with common Groupon alumni context + direct evidence of plugging modern Rails interfaces into legacy 130+ clinic healthcare platforms without clinical downtime.