

RANA ARSLAN

Senior Full-Stack Engineer • Ruby on Rails • React • AI Integration

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SUMMARY

Senior Full-Stack Engineer with 10 years building and scaling production SaaS — Ruby on Rails and React at the core, with recent LLM feature work (RAG pipelines, LangChain agents, Python) embedded into real products. Cut API response times ~45% on a US healthcare platform serving 30+ clinics; built payments/communications infrastructure end-to-end (Stripe, Twilio, SendGrid); led Rails development and mentoring across 8+ client products. Specialties: performance work, Rails upgrades, and adding AI to legacy SaaS without breaking it.

SKILLS

Backend: Ruby on Rails, Node.js/Express, PostgreSQL, MySQL, Redis, Sidekiq, Elasticsearch, GraphQL, REST APIs, RSpec/Capybara/TDD, Rails Version Upgrades

Frontend: React.js, TypeScript, JavaScript, Tailwind CSS, Bootstrap, jQuery, Material-UI

AI / LLM: Python, LangChain, RAG pipelines, AI agents, OpenAI/Anthropic APIs, custom response tuning

DevOps & Cloud: AWS, Docker, CI/CD, Heroku, Google Cloud, DigitalOcean, Git

Integrations: Stripe, Twilio, SendGrid, Shopify, QuickBooks, OAuth

EXPERIENCE

Full-Stack Developer | Westside Children's Therapy

Aug 2024 – Present • US • Remote

- **Cut average API response time by ~45%** by refactoring N+1 queries, adding Redis caching, and optimizing PostgreSQL indexes on a Rails platform supporting 30+ therapy clinics.
- Shipped 12+ scheduling and patient-management features end-to-end (Rails API + React), cutting manual admin work by an estimated 8–10 hours/week for clinic staff.
- Hardened the Sidekiq job pipeline processing 20,000+ jobs/day, reducing failures on billing-critical workflows by over 90%.

Senior Software Engineer | KlikDone

Apr 2023 – Aug 2024 • US • Remote

- **Independently architected and built the entire web application** — backend, frontend, and infrastructure — from concept to production launch.
- Built the full payments and communications layer (Stripe, SendGrid, Twilio) powering automated invoicing, email, and SMS across thousands of monthly transactions with zero payment-data incidents.
- Delivered 15+ core product features working directly with the founder, operating as de facto product owner + engineer.

Senior Software Engineer | TruMed Systems

Apr 2021 – Mar 2023 • US • Remote

- Designed and documented 25+ new API endpoints for a US healthcare vaccine-inventory platform, enabling partner and reporting integrations.
- **Cut heavy report generation from minutes to under 10 seconds** by rewriting complex MySQL queries and adding targeted indexes.
- Converted 30+ mock-ups into responsive production UI (React components) and resolved user-reported defects across testing phases.

Senior Software Engineer | Procare Solutions

Apr 2020 – Apr 2021 • US • Remote

- Built REST API endpoints managing school programs, children, and guardian records for the #1 US childcare platform (37,000+ centers), with full serializers, documentation, and automated tests.
- Raised test coverage on owned modules from ~40% to 85%+, cutting regression bugs during release cycles.

Software Engineer → Senior | DevCache

Mar 2016 – Apr 2020 • Lahore • On-site

- Led Rails development across 8+ client products over 4 years — APIs, background jobs, third-party integrations — maintaining 10+ live production sites at 99.9% uptime.
- Performed Rails version upgrades and legacy modernization across client codebases, keeping products secure and maintainable.
- Mentored 5 junior developers and introduced code review standards, reducing production bugs by ~30%.

SELECTED PROJECTS

- **Versa Cloud ERP** — Shopify API integration syncing orders, shipments, payments, and inventory for a modular ERP system.
- **AI Feature Work** — RAG pipelines over internal documentation, LangChain agents for workflow automation, and custom LLM response tuning (Python + OpenAI/Anthropic APIs).

EDUCATION

BSc Software Engineering | Riphah International University

2013 – 2017 • GPA 3.28