

Bruna Brazao - Software Engineer

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SUMMARY

Full-stack engineer across Elixir/Phoenix and Ruby/Rails. Experienced in designing, leading, and shipping features end-to-end with a strong focus on clean, well-tested code. Most at home in fast-paced product teams that treat tradeoffs as part of the work, and keen to keep testing how agentic engineering reshapes day-to-day practice.

SKILLS

- **Languages & Frameworks:** Elixir/Phoenix · LiveView · Ruby/Rails · React/TypeScript · Stimulus · Tailwind
- **Data & Infrastructure:** Postgres · Redis · OpenSearch · Oban · Sidekiq · gRPC · Terraform · Heroku
- **Testing & Observability:** ExUnit · RSpec · Capybara · Jest · Sentry · DataDog · New Relic · AWS CloudWatch
- **AI / LLM Engineering:** LLM-powered evals (eval harness, structured outputs, calibration analysis, multi-model) · AI-assisted development (Claude Code, Cursor, Copilot)

WORK EXPERIENCE

Breakroom (Jan/2025 – May/2026) – Full-Stack Engineer III (*Elixir/Phoenix/ LiveView/ Stimulus/ Postgres / Redis / OpenSearch/ Oban / gRPC*): Multi-region job review & ratings platform for frontline workers owned by ZipRecruiter

- Designed and implemented the migration from password to OTP authentication across controllers, LiveView, Redis-backed sessions, and three-tier rate limiting - removing friction and lifting sign-up conversion from ~40% to ~80%.
- Owned a gRPC integration between the main site and a separate Elixir job-feed ingestion service replacing static per-feed code with a self-serve admin portal, removing engineering from customer onboarding so non-engineering teams own the workflow end-to-end.
- Designed and shipped a hierarchical employer data model that lets multi-brand companies represent their group structure (parent / subsidiary / divisions) - improving search navigation across large employer groups and unlocking aggregate analytics like quiz-response breakdowns by sub-entity.
- Drove discovery on LLM-powered content moderation using an Elixir eval harness (Mix task, structured-output schema, multi-model support, seeded reproducibility, cost-cap halt-and-save)
- Led a test-coverage initiative from ~40% to over 50% - back-filling critical paths and reducing regression risk. Joined the on-call rota handling out-of-hours incidents across UK and US production environments.
- Contributed to engineering hiring and onboarding - reshaped technical interview questions, co-ran the ways-of-working round, and buddied new joiners. Use Claude Code and Cursor daily for code generation, refactoring, review, and codebase exploration.

Florence (Mar/2023 - Nov/2024) – Senior Full-stack Product Engineer (*Ruby 3.3 / Rails 7.1 / React 17/ TypeScript / Tailwind*): App for instantly connecting care professionals with open shifts

- Shipped compliance-critical features for Florence's Canada launch, ensuring the platform met regional healthcare regulatory requirements.
- Built onboarding flow improvements for the France launch that accelerated how quickly new nurses could complete compliance checks and become bookable - directly impacting time-to-first-shift, a key activation metric.
- Took on tech-lead responsibilities - led projects from scoping with product and design through to delivery, and mentored junior engineers through pairing and code review.
- Built features for the Agency Manager product (including timesheet approval/rejection flows) and contributed

to internal tooling and client-reporting flows used by ops teams supporting carers and agency partners across the UK, France, and Canada.

Thirdspace Learning (Aug/2022-Jan/2023) – Backend Software Engineer (Ruby/Rails / AWS Step Functions / Amazon API Gateway / Terraform) - *Online math tuition platform*

- Designed API contracts in Swagger and implemented the underlying AWS Step Function workflows orchestrating backend services and serverless components, alongside building and maintaining Rails microservices on Kubernetes.
- Contributed to ongoing migration work moving functionality off the legacy Rails monolith into smaller services.

FutureLearn (Apr/2018 - Jun/2022) – Full-stack Software Engineer (Ruby/Rails / React, Typescript / CSS) - *Online learning platform.*

- Shipped features across two major commercial launches, Unlimited (subscription) and ExpertTracks (bundled professional courses), both of which became core revenue lines for the platform.
- Contributed to a sustained frontend modernisation effort, porting legacy HAML pages to React/TypeScript and helping establish patterns the wider team adopted. Drove backend performance improvements, reducing N+1 queries and using Scout APM to identify regressions in production hot paths.
- Took on growing scope over four years: built and maintained third-party integrations (Yotpo, Iterable), ran product experiments through Vanity and Optimizely, mentored newer joiners, and acted as a go-to engineer on areas of the codebase I'd built deep familiarity with.

EDUCATION

- Pragmatic Studio, Elixir & OTP, 2025
- Distributed Systems Architecture, Postgraduate diploma, 2022 - Pontifical Catholic University of Minas Gerais
- Marketing Management, Degree (Bachelor's equivalent), IBTA