

Gabriel Fernandez

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SUMMARY

Senior full-stack engineer (17+ years). I build with TypeScript across React/Next.js and Node/Nest.js, utilizing Postgres, MongoDB, Redis, and AWS. I focus on reliable, simple systems: queues, retries, solid tests, and safe deploys. I lead projects from end to end, mentor developers, and maintain high code and review standards. Recently, I've worked 100% with React + Node, shipping Shopify Hydrogen storefronts and backend services. I care about clean code, clear docs, and steady delivery.

LAST 4 EXPERIENCE

Senior Software Engineer - Tech Lead

Valor Distributions

December 2019 - January 2025, Toronto - Remote

- **Key Responsibilities:** Lead Shopify Hydrogen storefronts (React/Next.js, TypeScript) and backend services (TypeScript Node/NestJS) on Postgres/Redis. Build Shopify apps and webhooks. Own CI/CD, testing, monitoring, and safe rollbacks. Mentor devs and drive review standards with clear guidelines and AI tooling.
- **Key Achievements:** Stabilized storefront and apps to 99.9% uptime. Automated label printing (about 50% faster). Built GitHub Actions + AWS EKS pipelines that doubled release speed and reduced rollbacks for services and apps.
- **Technologies & Tools:** TypeScript, Node.js, NestJS, Express, React, Next.js/React Router, Shopify Hydrogen/Liquid/Apps, PostgreSQL, Redis, Docker, Kubernetes, AWS (S3, EKS, Terraform), GraphQL, Prisma, Playwright, Vitest, Turborepo, Zod, Radix UI, Tailwind, Shopify CLI, Polaris, GitHub Actions, Dev Containers, Cursor, Copilot.

Senior Software Engineer - Team Lead

Youtaf Sarl

January 2019 - November 2019, Switzerland · Remote

- **Key Responsibilities:** Led a TypeScript front-end (React/Vue). Built secure payment flows (PayPal, PagSeguro, PagueCerto) with TypeScript SDKs and webhooks. Defined reusable UI components and API clients. Managed a 5-person team, code reviews, testing, and safe rollbacks.
- **Key Achievements:** Cut payment failures by ~60% with better checkout and validations. Built a stable YouPay library that reduced integration time by weeks. Tuned containers to reduce infra cost by ~80% and improve load times.
- **Technologies & Tools:** TypeScript, React, Vue, REST APIs, MySQL, Docker, Apache.

Senior System Analyst - Team Lead

Solutis Tecnologias

August 2012 - January 2019, Salvador, Brazil

- **Key Responsibilities:** Transitioned from Java into TypeScript Node.js services and TypeScript React/Vue apps. Built APIs, dashboards, and real-time reporting under strict SLAs. Led a 6-person team across design, docs, reviews, testing, and releases. Mentored juniors and wrote runbooks.
- **Key Achievements:** Delivered a centralized dashboard (React/TypeScript) that reduced SLA breaches by ~50% and improved ticket resolution speed. Automated repetitive flows to cut manual actions. Built real-time performance reports for faster decisions.
- **Technologies & Tools:** TypeScript, Node.js, React, Vue, Java, PostgreSQL, MongoDB, MySQL, Oracle, SQL Server, Cloudant, IBM Watson.

Senior Software Engineer - Tech Lead

eCGlobal Solutions

November 2011 - September 2012, Salvador, Brazil

- **Key Responsibilities:** Brought in to rescue a stalled social network project. Led a rebuild with JavaScript/TypeScript focus for speed, security, and UX. Directed integrations with reporting and rewards systems and aligned delivery with business goals.
- **Key Achievements:** Planned the delivery of the social network in one year but accelerated progress by releasing a working demo in less than six months, implemented a secure rewards and points exchange system that eliminated unauthorized product distribution, built reporting and data pipelines that supported customer data sales and improved decision-making for directors and analysts, delivered dashboards that reduced manual reporting time by 80%, integrated the social network with survey platforms such as SurveyMonkey and custom tools to expand data collection reach around 30%, and developed integrations with Facebook, Twitter, Google Maps, LinkedIn, YouTube, Gmail, Hotmail and e-commerce platforms, boosting engagement across multiple channels.
- **Technologies & Tools:** JavaScript/TypeScript, REST/SOAP APIs, PostgreSQL, MySQL, Linux servers, Apache/Nginx, data integrations.

EDUCATION

Bachelor of Technology - BTech, Computer Science and Engineering

Unijorge • BA, Brazil • 2012-2016

COURSEWORK

Java (Professional) | Parallel Consulting & Training

[Mobile Development with Google Android | Parallel Consulting & Training](#)

[SQL Server | Parallel Consulting & Training](#)

[Serverless API using AWS Lambda, API Gateway, DynamoDB & Cognito | Udemy](#)

[AI Coding with Cursor | Udemy](#)
