

Gabriel Braz

Software Engineer / Software Developer

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SUMMARY

Experienced Senior Software Engineer with 9+ years of expertise, blending startup agility with corporate stability during a notable 6+ years tenure at Telefónica Vivo. Committed to solving technical complex problems and ensuring application security and scalability, I specialize in Typescript working with Node (ExpressJS) and React (NextJS) with proficiency in SQL Server and PostgreSQL. Skilled in end-to-end project management, I excel in maintaining projects across various programming languages. Proficient in DevOps practices like CI/CD, Docker, Cloud on-premise and Amazon Web Services (AWS), complemented by utilizing but not limited to Sentry and pm2 load balancer for enhanced application reliability, tracking and performance.

SKILLS

Proficient: Problem-solving, Typescript with NodeJS / ReactJS, Redux and Zustand, React Query, API Rest, Caching with Redis/NodeCache, Monitoring Sentry, Load balancer in pm2, Pino Logs, API Gateway, Apache Kafka, MS SQL Server, Docker, MongoDB, PostgreSQL, Cloud AWS EC2/S3/Lambda/SQS/DynamoDB/Amplify/Cloudfront, On-premise, PHP (Jquery), ASP, Linux, Windows, CI/CD and Gitflow with Github/Gitlab/Azure Devops, Microservices Architecture, Cloudflare CDN, SSL/TLS.

Intermediate: ASP.NET / C#, MS Excel, Azure Portal, NextJS, NestJS, Vitest, Adobe Photoshop, Design Systems, Design patterns, User Experience and User Interface (UX/UI), BPMN, SOLID, Clean Architecture, SCRUM methodology.

Beginner: Python, Go.

PROFESSIONAL EXPERIENCE

Senior Full-Stack Software Engineer

Bradesco Bank / Afya via Avanade, São Paulo, BR – Full-time, Remote

05/2024 to Present

Core Responsibilities:

- Acting as a developer, conducting code reviews, defining the best applications solutions with strong focus on Next.js.
- I have delivered significant results in optimizing AMP pages by implementing best practices, achieving a 38.89% reduction in CSS usage by leveraging Tailwind JIT (Just-In-Time) compiler along with PostCSS e PurgeCSS tools.

Key Technologies and Tools: Node.js, Jest, AWS, CI/CD, Tailwind CSS, React.js / NextJS, Github / Git, Jira, Agile, Scrum.

Senior Software Engineer

Telefónica Vivo, São Paulo, BR – Full-time, Hybrid

05/2018 to 04/2024

Core Responsibilities:

- I develop and maintain over 5 applications and executive nationwide projects for Telefónica Vivo Brazil, overseeing more than 7 different languages and technologies and 75+ database tables with a demand of over 200k access a month.
- I improved the task delivery SLA of the teams by over 20% with the creation of a project management software.
- I reduced the API response time and number of requests by 60% in the Vivo Aura App in which contains over 2 millions users. This resulted in significant improvements to the SLA for customer service.
- I enhanced the latency of executive report queries by up to 5000% using caching strategies, nationwide projects, through of the new microservices with 20k users per day.
- I reduced on-premises operational costs by 50% through server and application migration.

Key Technologies and Tools: Typescript with NodeJS, ExpressJS, API Rest, ReactJS, ViteJS, MS SQL Server, On-premise Cloud, SSL certificate, Git/Gitlab, Azure Devops, .NET/C#, PHP, Jquery, Problem-solving skills.

Senior Back-End Developer

Ligue Lead, São Paulo, BR – Contractor, Remote

03/2023 to 07/2023

Core Responsibilities:

- I assisted in reducing service costs by over 20% through the development of a Node REST API to execute a critical web service and webhook process.
- I developed technical documentation for processes which allowed for improving understanding of other developers on the team to get started with and maintain projects up to 2x faster.

Key Technologies and Tools: NodeJS API Rest, Typescript, PHP, Jquery, Docker, Git, Github, Miro, Notion, Jira.

Full-Stack Software Engineer

Elevato Tech, São Paulo, BR – Independent Contractor, Remote

09/2016 to 09/2018

Core Responsibilities:

- I managed and developed management software and a website from scratch to meet the demands of a demanding Italian startup, resulting in a 50% growth for the company after project delivery.
- I established 4 partnerships to build and sell a management platform for virtual shops in a Software as a Service (SaaS) business model and conducted business with over 7+ clients.

Key Technologies and Tools: NodeJS API Rest, ReactJS, AWS EC2/S3/Lambda/SQS/DynamoDB/Amplify/Cloudfront, PHP, MySQL, Git/Github, Cloudflare, Software as a Service (SaaS), Notion, PSD, UX/UI, Leadership.

Software Developer

Bradesco Bank, São Paulo, BR – Full-time, On-site

08/2014 to 01/2016

Core Responsibilities:

- I developed and managed 4+ projects of executive reporting for the bank's departmental credit card software, improving the speed of executive decision-making by ~70%. An example was the delivery of a report to present customers with recurring invoice disputes through their CPF.
- I managed the access of 3k+ users to the credit card software.

Key Technologies and Tools: ASP, MS SQL Server, Javascript, MS Office, Executive Web Reports, Project Documentation.

Full-Stack Software Developer

Dom Diagnósticos, São Paulo, BR – Internship, On-site

06/2012 to 06/2014

Core Responsibilities:

- Conducted surveys and analyzed business requirements, performed data modeling with 35+ tables from databases, I designed system architecture, implemented good programming practices to develop 40+ new features for software utilized by over 20 clients.
- I participated in over 3 executive visits to major clients to present software releases, including an international bank.

Key Technologies and Tools: Linux, MySQL, PhpMyAdmin, PHP, JQuery, Ajax, Git, CSS, Design Patterns.

EDUCATION

Postgraduate Degree in Distributed Software Architecture

PUC Minas, São Paulo, SP, Brazil

2024 to Present (on hold)

- **Relevant coursework:** This course plays a strategic role in the professional training of aspiring software architects. It is designed to provide the skills and competencies needed for advanced training in designing, building, and deploying software that uses architectural aspects in distributed environments.
- **Bachelor Thesis:** In progress.

Master of Business Administration in Software Engineering

Technology and Administration Business School - FIAP, São Paulo, SP, Brazil

2021 to 2022

- **Relevant coursework:** The best technology to meet the needs of organizations, based on engineering standards, software architecture and disruptive technologies.
- **Bachelor Thesis:** Management software for building smart online stores - Elevato Store.

Bachelor of Information Systems

São Judas Tadeu University - USJT, São Paulo, SP, Brazil

2012 to 2015

- **Relevant coursework:** Technology, software engineering, human relations and business, technical and personal skills development.
- **Bachelor Thesis:** App for locating tow trucks on Brazilian roads - Easy Guincho.

Technical Specialization of Web Development

Guaracy Silveira College - ETEC, São Paulo, SP, Brazil

2010 to 2011

- **Relevant coursework:** Develops and maintains websites, internet portals and intranet. It uses project development tools to build solutions that help the process of creating interfaces and applications used in electronic commerce and marketing.
- **Bachelor Thesis:** Virtual Shop in .NET/C#/SQL - Virtual HQ.

CERTIFICATES / COURSES

ReactJS Expert - Ignite, Rocketseat, Brazil

04/2023 - 06/2024

NodeJS Expert - Ignite, Rocketseat, Brazil

04/2023 - 06/2024

Artificial Intelligence Expert - Ignite, Rocketseat, Brazil

In progress

AWS Certified Developer - Associate, Amazon, Brazil

In progress

NodeJS API Rest - Yellow Belt, Learn Six Sigma, Brazil

10/2020 - 03/2021

LANGUAGES

Portuguese: Native Proficiency (CEFR C2)

English: Upper Intermediate (CEFR B2)