

Gabriel Barreto de Oliveira

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Summary

Senior Full-Stack Engineer with over 6 years of experience building and scaling SaaS platforms and high-performance web applications in global environments. Strong expertise in React, Next.js, Node.js, TypeScript, and AWS, with hands-on experience delivering complex product features, integrating international platforms, and optimizing systems for large datasets and high-traffic workloads. Proven track record of measurable impact through architectural and performance optimizations, with a consistent focus on scalability, reliability, and user-centric solutions.

Experience

Software Engineer

Clientbook | Utah, USA (remote)

01/2023 – 11/2025

- Led the development of core CRM modules (Reports, Appointment System, Client Page, Public Form Page), owning the full lifecycle from technical design to delivery and working closely with product and design teams, resulting in high-impact features that improved usability and directly supported sales team workflows.
- Architected and implemented caching strategies and database optimizations for large datasets and heavy reports, analyzing query performance and system bottlenecks, reducing large-report load times by over 80% and significantly improving user experience for high-volume clients.
- Refactored the frontend build pipeline and dependency structure, identifying unnecessary overhead and optimizing configuration, reducing build time from 20 seconds to 2 seconds and improving developer productivity and CI/CD throughput.
- Acted as technical owner for critical features, making architectural decisions focused on performance, scalability, and maintainability, ensuring stable delivery of features used daily by thousands of users.
- Mentored a junior intern, providing code reviews, guidance on best practices, and task breakdown, accelerating onboarding and improving overall code quality within the team.

Skills: React, Node.js, TypeScript, MySQL, AWS, Tailwind CSS, AI Integration

Software Engineer

Northflow.io | Texas, USA (remote)

02/2025 – 10/2025

- Led the design and implementation of core product features including Kanban board, task management, and dynamic form modules, owning the feature lifecycle from technical planning to delivery, resulting in improved workflow organization and team collaboration.
- Refactored the entire frontend architecture for performance and UI consistency, aligning the application with a new design system and modern best practices, significantly improving maintainability and visual consistency across the platform.
- Improved backend logic and data flow using Nest.js and GraphQL APIs, restructuring queries and resolvers for efficiency, reducing response times and improving data reliability.

Skills: Next.js, React, Vite, TypeScript, Nest.js, GraphQL, Prisma, PostgreSQL, AWS S3, Stripe, AI Integration

Frontend Engineer

Jet Brackets | Texas, USA (remote)

11/2022 – 06/2023

- Developed and maintained key frontend features for the e-learning platform using React, owning components from implementation to production, delivering stable and scalable interfaces for students and instructors.
- Designed and implemented Single Sign-On (SSO) authentication flows, integrating securely with identity providers, reducing login-related issues and decreasing support requests.
- Built reporting modules and administrative dashboards, working closely with product and stakeholders to define requirements, improving instructor efficiency and platform analytics visibility.

Skills: Next.js, React, Vite, TypeScript, Nest.js, GraphQL, Prisma, PostgreSQL, AWS S3, Stripe, AI Integration

Software Engineer

uPaged | NSW, Australia (remote)

06/2021 – 10/2023

- Developed and maintained key frontend features for the e-learning platform using React, owning components from implementation to production, delivering stable and scalable interfaces for students and instructors.
- Designed and implemented Single Sign-On (SSO) authentication flows, integrating securely with identity providers, reducing login-related issues and decreasing support requests.
- Built reporting modules and administrative dashboards, working closely with product and stakeholders to define requirements, improving instructor efficiency and platform analytics visibility.

Skills: Next.js, React, Vite, TypeScript, Nest.js, GraphQL, Prisma, PostgreSQL, AWS S3, Stripe, AI Integration

Education

Degree in Mechanical Engineering – UNIOESTE, Brazil (2010 - 2018)

Exchange Program in Mechanical Engineering – BME, Hungary (2014 - 2015)

Languages

English: Full professional proficiency

Portuguese: Native

Skills

JavaScript | TypeScript | React.js | Next.js | React Native | Tailwind | Storybook | Node.js | Nest.js | GraphQL | Prisma | MongoDB | PostgreSQL | MySQL | Docker | AWS | CI/CD | OpenAI API | Firebase | Stripe