Contact

12992221131 (Mobile)
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www.linkedin.com/in/tobiasrosa (LinkedIn)
github.com/tobiasorosa (Portfolio)

Top Skills

C#
.NET Core
React.js

Languages

Português (Native or Bilingual)
English (Native or Bilingual)

Certifications

React.js e Next.js com Typescript

Tobias Rosa

Senior Full Stack Engineer | .NET / C# | React & TypeScript | AWS | Distributed Systems | SaaS Platforms | REST APIs | SQL Server
Brazil

Summary

Senior Full Stack Engineer with 5+ years of experience building scalable SaaS applications using C#, .NET, React, and TypeScript.I specialize in designing high-performance backend services, RESTful APIs, and modern frontend applications that support reliable, scalable web platforms. My work focuses on building maintainable systems using clean architecture principles, optimizing performance, and delivering production-ready solutions in cloud environments.Currently, I work with distributed engineering teams to design and implement cloud-based systems on AWS, develop modern React applications, and support scalable SaaS architectures used by high-traffic platforms.I enjoy solving complex engineering problems, improving system performance, and collaborating with product and engineering teams to build software that is both reliable and scalable.Core technologies:• C# / .NET• React / TypeScript• REST API Architecture• AWS (EC2, ECS, S3, CloudFront)• SQL Server & relational databases• System design and performance optimizationE-mail: tobias.rosa2000@gmail.comPhone number (WhatsApp): +55 12 99222-1131

Experience

Praxent

1 year 9 months

Senior Software Engineer

November 2025 - Present (9 months)
Texas, United States

- Design and build scalable SaaS backend services using C# and .NET, applying Clean Architecture and SOLID principles to improve maintainability and system scalability.
- Develop modern React applications using TypeScript and shadcn/ui, implementing reusable component architectures and responsive UI patterns.

- Architect and implement RESTful APIs consumed by multiple frontend clients.
- Lead backend system design decisions, focusing on scalability, maintainability, and performance.
- Investigate and resolve complex production issues across distributed systems, improving reliability and system stability.
- Optimize SQL queries and database interactions to improve performance and data access efficiency.
- Deliver technical documentation and knowledge transfer sessions for client engineering teams to support maintainability and onboarding.
- Leverage AI-assisted development tools (Claude Code, GitHub Copilot) to accelerate debugging, refactoring, and code reviews.
- Collaborate with US-based product managers, designers, and engineers in a distributed team environment.

Software Engineer
November 2024 - November 2025 (1 year 1 month)
Austin, Texas, United States

- Bootstrapped full-stack applications using .NET and React, establishing scalable project foundations.
- Built and maintained RESTful APIs in .NET, following Clean Code and layered architecture principles.
- Optimized SQL queries and database access patterns to improve application performance.
- Delivered technical documentation, recorded walkthroughs, and knowledge transfer sessions for client engineering teams.

MelhorPlano.net
Desenvolvedor full stack
June 2024 - November 2024 (6 months)
Brazil

- Led development and technical architecture of a high-performance, SEO-optimized web platform handling large-scale traffic.
- Mentored junior developers and improved onboarding processes, increasing team productivity and knowledge sharing.
- Designed backend APIs and data access layers focused on performance and scalability.
- Managed AWS infrastructure (CloudFront, ECS, S3) to ensure system reliability, scalability, and cost efficiency.
- Implemented new features in a NestJs REST API for back-office management.

- Implemented server-side rendered architectures using .NET to improve SEO performance and page load speed.
- Used AI-assisted development tools to identify performance bottlenecks and accelerate code improvements.

Threeo IT Company
Mid Level Fullstack Developer
October 2022 - June 2024 (1 year 9 months)
São Paulo, São Paulo, Brazil

- Developed and maintained server-side rendered applications built on .NET architectures.
- Modernized legacy web systems (jQuery, Knockout.js, Durandal), improving maintainability, security, and application performance.
- Built and maintained REST APIs integrated with relational databases.
- Applied secure coding practices and performance optimization strategies across the development lifecycle

iDinheiro
Software Developer
June 2021 - October 2022 (1 year 5 months)
Brazil

- Built React and Next.js applications with TypeScript, migrating a legacy WordPress frontend to a modern architecture.
- Implemented unit and integration testing using Jest, increasing code reliability and maintainability.
- Improved SEO and Core Web Vitals (LCP, FID, CLS) through targeted frontend performance optimizations.
- Delivered A/B testing features in partnership with marketing teams to support data-driven product decisions.
- Developed custom PHP integrations supporting a headless Wordpress CMS architecture.
- Managed Git workflows and AWS deployment pipelines, including caching strategies and CDN distribution.

RDS Digital
React Fullstack Developer
October 2021 - March 2022 (6 months)

- Developed RESTful APIs using Node.js and Express to support a user management system.

- Built a web application with React and Material-UI, enabling authenticated user access and management features.
- Implemented a mobile application using React Native and NativeBase, providing mobile access to the platform.
- Used Docker and Webpack to support development workflows and application builds.

Gerdau Special Steel
2 years 5 months

Production Planning Assistant
May 2021 - June 2021 (2 months)
Pindamonhangaba, SP

- Inventory of finished and intermediate products in entire plant.
- Stock management.

Overhead Crane Operator
January 2020 - May 2021 (1 year 5 months)
Pindamonhangaba, SP

- Stock Management (Inventory, Indentification and other activies);
- Overhead crane operation at storage yard.

Administrative Apprentice
February 2019 - December 2019 (11 months)

- Finding, Indentifying and collecting lost or out of pattern materials;
- Review of Operational routine procedure.

Education

Pontifícia Universidade Católica do Paraná
Postgraduate Specialization in Software Architecture, Data Science, and Cybersecurity · (April 2023 - January 2024)

Universidade Anhembi Morumbi
Associate Degree in Systems Development and Analysis · (2020 - 2022)