Guilherme Nascimento

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EDUCATION

- **Universidade Estácio de Sá** — Rio de Janeiro, Brazil
  Bachelor of Computer Science — *2023 - 2026*

EXPERIENCE

- **DBC Company** — Remote
  Software Engineer — *Present*
  - **High-Performance Systems**: Developed efficient systems using .NET, Dapper, and React that improved workflow efficiency by 70%. Modernized backend services by migrating from .NET 6 to .NET 8 and React 16 to React 18, enhancing performance and scalability.
  - **Micro-Frontend Architecture**: Led the development of micro-frontends with React and TypeScript, increasing system modularity and team autonomy.
  - **Testing Framework**: Wrote automated tests using xUnit (backend) and Playwright (frontend), ensuring code stability and high test coverage.
  - **DevOps Infrastructure**: Managed and integrated CI/CD pipelines for microfrontends and RESTful APIs using Azure DevOps. Utilized monitoring solutions with Kibana and Kubernetes dashboards to track application health metrics and logs
  - **Backend Development**: Designed and managed RESTful APIs with ASP.NET Core 6/8, following architectural patterns such as clean architecture and vertical slice architecture.
  - **SQL Command Tool**: Developed an internal application for SQL command search integrated with Dapper for executing queries efficiently. Standardizing writing and execution of queries.

- **DBC Company** — Remote
  Frontend Developer Intern — *01/2023 - 04/2023*
  - **Recruitment Portal**: Developed a new candidate portal workflow using React, TypeScript and RTK Query, improving communication between candidates and the company. The unified system consistently handled over 1,000 registrations per enrollment period.
  - **Integration System**: Optimized communication and registration flows by integrating emails and Google Forms into a unified system, streamlining the candidate experience and improving data collection efficiency.
  - **Testing Implementation**: Implemented frontend tests using React Testing Library and Vitest, ensuring application reliability and functionality across different user scenarios.
  - **Responsive Web Design**: Developed and maintained responsive web applications with React and TypeScript, implementing state management solutions including Redux Toolkit and Context API.
  - **UI/UX Enhancement**: Applied UI/UX best practices to design intuitive interfaces, enhancing user experience and satisfaction through thoughtful layout, navigation, and interaction patterns.

PROJECTS

- **Vili's Vault Blog (vilih.com)**: Personal technical blog designed and developed using Astro and TypeScript with Markdown-to-HTML conversion. Regularly publish content about emerging technologies, work-related topics, and personal projects.
- **Convert Ease (convert-ease-sigma.vercel.app)**: High-performance web application for media format conversion built with Next.js 14, TypeScript, and Zustand for state management. Utilized FFMPEG WASM for client-side media processing and Tailwind CSS for interface design.

PROGRAMMING SKILLS

- **Languages:** C#, TypeScript, JavaScript, SQL.

- **Frameworks & Libraries:** ASP.NET Core, Entity Framework Core, React, Redux Toolkit, Tanstack Query, xUnit, Playwright, Vitest.

- **Tools & Platforms:** Docker, Azure DevOps, CI/CD Pipelines, Kubernetes, Kibana, Git.

- **Databases & ORMs:** SQL Server, Dapper, Entity Framework Core.