

Guilherme Yuri Bermeo Costa

Toronto, ON | +1 (647) 998-2237 | guilherme.bermeo@gmail.com |
<https://linkedin.com/in/gmbermeo>

CAREER SUMMARY

A Multilingual **Senior Software Engineer** with over 10 years of experience delivering high-performance web applications and modernizing legacy systems for large-scale governmental and financial sectors. **Certified Google Associate Cloud Engineer** with expertise in cloud infrastructure, containerization, and orchestration. Proven track record in architecting scalable front-end solutions using React, Next.js, and TypeScript, combining deep technical expertise with **UX/UI design** experience.

HIGHLIGHTS OF QUALIFICATIONS

- Senior Software Engineer with 10+ years of experience modernizing legacy systems and delivering high-performance web applications for large-scale governmental and financial sectors.
- Advanced proficiency in modern JavaScript ecosystems (TypeScript, React.js, Next.js), supported by a Google Associate Cloud Engineer certification.
- Highly experienced in Agile SCRUM methodologies and the rigorous application of Clean Code principles to build scalable, maintainable architectures.
- Multidisciplinary background combining front-end engineering with seven years of UX/UI design experience to seamlessly translate high-fidelity prototypes into responsive code.
- Fluent in Portuguese; Professional Working Proficiency in French; Basic Proficiency in Spanish.

TECHNICAL SKILLS

- **Web Development:** TypeScript, JavaScript, HTML5, CSS3, SASS, PHP, C#.
- **Frameworks & Libraries:** React.js, Next.js, Vue.js, Angular, Nest.js, Blazor, Material-UI (MUI), Tailwind CSS, Bootstrap, TanStack Query, React Native.
- **Cloud & DevOps:** Google Cloud Platform, Docker, Rancher, Azure DevOps, Vercel, GitLab CI/CD, SonarQube.
- **Databases:** Oracle SQL, Microsoft SQL Server, MySQL.
- **Design:** Figma, GIMP, Adobe Illustrator, Sketch, Adobe XD, Axure RP.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Dec 2023 - Present

First Decision, Brasília, Brazil

- Lead the front-end architecture for the Sistema Integrado de Gestão e Acompanhamento de Processos (SuperSIGA) using Next.js 16 and Zod to manage complex legal workflows.
- Enforce rigorous code quality and maintain automated CI/CD pipelines within GitLab using SonarQube and strict ESLint rules to minimize technical debt.
- Engineered an automated Python ETL ecosystem, HarpIA, for the Attorney-General's Office using SQLAlchemy and Apache Airflow, reducing data processing time from hours to minutes.
- Architected data-fetching and caching layers utilizing TanStack Query, optimizing API interactions and reducing payload overhead by approximately 30 per cent.
- Developed the successful digital transformation of "Novo Promoção," a nationwide legal platform, by migrating the system from a legacy .NET infrastructure to Next.js 15, reducing technical debt by 60 per cent and accelerating critical legal workflows.

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PROFESSIONAL EXPERIENCE (CONTINUED)

Front-end Developer & UX Consultant

Sept 2022 - Nov 2023

TTY2000, Brasília, Brazil

- Co-engineered the Performance Management System (PGD 2.5) for the Attorney-General's Office, utilizing React and Next.js 13 to support remote work policies for over 10,000 public servants.
- Refactored legacy PHP front-ends into modular React components, accelerating feature delivery by reducing prototyping time from one week to two days.
- Developed front-end components for the "AGU.Legis" C# system using Blazor and MudBlazor, centralizing over 30 years of legislative publications for public access.
- Partnered with UX designers to translate high-fidelity wireframes into responsive interfaces, maintaining 100 per cent design fidelity.

UX Designer

Sept 2018 - Sept 2022

Attorney General's Office (AGU), Brasília, Brazil

- Modernized internal systems using HTML5, CSS3, and TypeScript, extending the lifespan of critical government software dating back to the early 2000s.
- Designed high-fidelity prototypes for the "App Escola da AGU" mobile and desktop app, facilitating event registration for 11,000 members.

UX Designer

April 2015 - Sept 2018

BB Tecnologia e Serviços, Brasília, Brazil

- Led UI/UX design and interaction patterns for the Banco do Brasil mobile application (50M+ downloads), focusing on user retention and visual identity across iOS, Android, and Windows Phone operating systems.
- Developed complex banking interfaces using Axure RP and Figma, validating design decisions through A/B testing and user research.

EDUCATION

Graduate Specialization in Digital Game Development

2023

Faculdade UniBF, Paraíso do Norte, Brazil

Graduate Specialization in Public Relations, Advertising & Applied Communication

2021

Faculdade UniBF, Paraíso do Norte, Brazil

Technology Degree in Systems Analysis & Development

2014

Faculdade Cathedral, Boa Vista, Brazil

CERTIFICATIONS AND OTHER PROFESSIONAL DEVELOPMENT

- Associate Cloud Engineer Certification, **Google** 2025
- Scrum Foundation Professional Certificate, CertiProf 2019