Guilherme Jacob

Senior Software Engineer | Frontend Specialist

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PROFESSIONAL SUMMARY

Frontend Engineer with 11+ years of experience building scalable web applications, design systems, and micro frontend architectures for major financial institutions. Expert in TypeScript, React, Next.js, and Angular with proven leadership experience managing teams of up to 8 engineers. Deep expertise in creating user-centric banking applications that serve millions of users with focus on performance, accessibility, and modern development practices.

PROFESSIONAL EXPERIENCE

Itau Unibanco - Senior Software Engineer
May 2025 - Present

NextJS | Angular | TypeScript | Go | .NET | LLMs/AI

* Building integrated self-service platform for banking file transfer management with modern frontend stack
* Modernizing legacy tools and creating unified user experience for file governance
* Implementing AI-powered interfaces for data analysis and visualization
* Leading frontend architecture decisions for the PowerBridge squad

Bradesco - Senior Software Engineer
Oct 2024 - May 2025

Angular | TypeScript | Micro Frontend | Module Federation | Java

* Built PIX Automatico (automatic recurring payments) frontend for Brazil's instant payment system
* Developed micro frontend architecture using Module Federation for scalable deployment
* Collaborated with backend teams to deliver seamless payment experiences for millions of users
* Ensured accessibility and performance standards across PIX products

TOTVS TECHFIN + Itau - IT Specialist / Tech Lead
Aug 2023 - Oct 2024

Angular | TypeScript | NX | NodeJS | Azure | Docker | Micro Frontend

* Led 8-person cross-functional team (4 backend, 4 frontend) as Frontend Guild Leader
* Created comprehensive Design System reducing development time by 30-40%
* Streamlined CI/CD pipelines with DataDog integration improving system observability
* Organized workshops on cutting-edge frontend technologies and design patterns

Foundever - Software Engineer / Tech Lead
Nov 2022 - Aug 2023

NextJS | TypeScript | NX | GraphQL | AWS | Docker | NodeJS

* Spearheaded migration from React to Next.js enhancing performance and SEO
* Architected scalable frontend solutions within NX monorepo environment
* Led cross-functional team making critical technical decisions in international environment

Itau Unibanco - Software Engineer   *Jan 2021 - Nov 2022*

Angular | React | TypeScript | NX | Cypress | ASP.NET | Kotlin | Swift

* Won "PRAD" award for outstanding first-year performance on Investments project
* Created micro frontends with module federation enhancing modularity and scalability
* Developed mobile applications integrating Angular webviews for bank's superapp
* Led migration of legacy systems maintaining high security and accessibility standards

Banco BV - Software Engineer   *Nov 2018 - Jan 2021*

Angular | React | TypeScript | Flutter | Kotlin | Swift | Cypress | AWS

* Created digital bank foundation with micro frontend architecture and feature toggles
* Built comprehensive Design System with Module Federation reducing development time by 30%
* Led Frontend and Observability Guild driving adoption of best practices
* Led migration from AngularJS to Angular 8 improving performance and maintainability

Solera Holdings - Software Engineer (Fullstack)   *Aug 2018 - Nov 2018*

React | TypeScript | NodeJS | GraphQL | Azure | .NET Core | Micro Frontend

* Built foundation for insurance management platform in international team
* Led selection of frontend libraries establishing robust development architecture

Actuar - Software Engineer (Fullstack)   *Dec 2017 - Jul 2018*

React | React Native | Angular | TypeScript | NodeJS | GraphQL

* Developed gym management platform and fintech solutions for startup
* Maintained React Native app delivering exceptional cross-platform user experiences

Earlier Experience   *2014 - 2017*

Frontend Engineer roles at MelhorKlick (agency), Plena Accounting, and Swiss Genetics. Built internal platforms, led frontend teams, and delivered solutions using React, Angular, PHP, and WordPress.

TECHNICAL SKILLS

Frontend: TypeScript, JavaScript, React, Next.js, Angular, Vue.js, NX, Module Federation, Tailwind CSS, Styled Components

Mobile: React Native, Flutter, Kotlin, Swift

Testing: Cypress, Jest, Testing Library, Mockito

Tools & DevOps: Storybook, Docker, AWS, Azure, GitHub Actions, GitLab CI, Jenkins

EDUCATION

FIAP - Bachelor of Software Engineering (2021 - 2025)

UFC - Federal University of Ceara - Bachelor of Computer Science (2014 - 2016)

CEPA - Anapolis - Technician in Systems Development (2012 - 2014)

LANGUAGES

Portuguese (Native) | English (Advanced) | Spanish (Advanced) | French (Basic)