Vinícius Gabriel de Souza

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Software Engineer with 4 years of hands-on expertise in developing and implementing robust software solutions across various domains. Proficient in full-stack development, focused on backend. Specialized in frontend and backend technologies such as C#, NodeJS, Java, and Javascript frameworks (React, VueJS and Angular). I am currently seeking opportunities as a Software Engineer or similar roles where I can leverage my skills and passion for creating scalable and highly available architectures. Committed to writing clean, efficient and well-structured code in collaboration with cross-functional teams to deliver high-quality products.

SKILLS

Languages & Frameworks: C#, .NET 6/8, ASP.NET, React, Vue.JS, Redux, Angular, JavaScript

Data & Infrastructure: SQL Server, PostgreSQL, Entity Framework, Dapper, Docker, Kubernetes, Redis

Architecture & Integrations: SignalR, RabbitMQ, AWS Rekognition, JWT/SSO, Webhooks, REST APIs

Tools & CI/CD: Git, GitHub Actions, Dockerfile

EDUCATION

Bachelor's Degree – Computer Science

FURB – Fundação Universidade Regional de Blumenau – Blumenau, Brazil, Feb 2023 – Jun 2027

Professional Extension – Full-stack development

SENAI/SC – Serviço Nacional de Aprendizagem Industrial – Oct 2021 – Jul 2022

Content: ReactJS, C#/Net Core, Design Patterns, Clean-Code, GraphQL, Messaging (RabbitMQ), TDD, Cloud introduction, Containers and Docker.

EXPERIENCE

Bludata Software, Blumenau, Brazil

Full-stack Developer, Apr 2024 – Present

Bludata Software develops technological solutions primarily focused on managing driving schools, DMVs, and public entities, working on large-scale projects with high demands for security, scalability, and integration with government systems. I worked as a full stack developer with a focus on backend, leading critical implementations, complex integrations, and architectural standardizations across multiple systems and modules, including centralized authentication (SSO), facial recognition with AWS Rekognition, and integrations with physical devices and payment providers.

Key Responsibilities:

- Lead the development to renew and complete an existing monolithic system built on .NET 6.
- Responsible for technical prioritization and direct support to other developers, managing task prioritization and resource allocation effectively to ensure on-time project delivery.
- Drive efforts to enhance functionality, fix existing issues, and optimize performance to transform the system into a fully functional and user-friendly application.
- Maintain clear communication with stakeholders to gather feedback and adjust project goals, ensuring alignment with organizational objectives.
- Perform code reviews, document architectural standards, and contribute to architectural decision-making.
- Participate in CI pipelines (GitHub Actions and Dockerfile) and support the SRE in deploying the project to Kubernetes.

Key achievements:

- Analysis and implementation of an architectural standard in collaboration with the technology committee for front-end projects within the company, improving code readability and development quality.
- Implementation of a design system for reusability and standardization of components across the two front-end applications in the project.
- Upgrade of the project from .NET 6 to .NET 8.
- Implementation of liveness detection and facial recognition using AWS Rekognition Face Liveness, increasing protection against spoofing fraud.
- Migration of the system database from SQL Server to PostgreSQL.
- Unification and modularization of two systems, including module management, permissions, and authentication via SSO.
- Design and implementation of a Single Sign-On (SSO) solution based on JWT, UUID, and Redis, enabling centralized login and session management across different system modules.
- Development of the financial layer and integration with the Credinet/Creditran provider, handling webhooks and generating invoices/payment slips.
- Integration of physical data collection devices into the system, such as biometric and signature readers.

Skills: *ReactJS, Redux, C#, .NET 6/8, SignalR, RabbitMQ, AWS, PostgreSQL, Docker, Git, GitHub Actions, Kubernetes and more.*

Benner Sistemas, Blumenau, Brazil
Backend Developer, Mar 2023 – Mar 2024
Backend Developer in the team responsible for the administrative, financial, and budgeting modules of Benner's ERP, a B2B product used by 200+ companies and 5,000+ active users. Contributed to the implementation of new features, performance improvements, and system maintenance, as well as the migration of the legacy Delphi desktop system to the modern .NET web platform.

Key responsibilities:

- Analyze and implement solutions with a focus on performance and scalability.
- Maintain direct contact with stakeholders to better meet client expectations and deliver an improved end-user experience.
- Introducing innovations and enhancements to existing system routines.
- Deliver customized reports and UX improvements for major clients.

Skills: *C#, .NET Core/Framework, ASP.NET, SQL Server, Oracle SQL, VueJS, Javascript, Git and more.*

Pilar Sistemas, Blumenau, Brazil

Full-stack Developer, Apr 2022 – Mar 2023

Intern Developer, Nov 2021 – Apr 2022

Pilar Sistemas is a technology company that provides consultancy and essential digital services on the web, mobile devices and back office, with a focus on accounting companies. I was responsible for developing and maintaining web applications, APIs, and desktop applications in the accounting sector, working on the backend with C# (.NET Framework 4.7, .NET Core 3.1, and primarily .NET 6) and integrating with SQL Server and PostgreSQL databases (Entity Framework). On the frontend, I worked with Vue.js and AngularJS to build responsive and intuitive interfaces.

Key Responsibilities:

- Analyze and develop solutions based on presented requirements.
- Define architectures for implementation along with estimated delivery timelines.

Key achievements:

- Implemented a WebSocket solution using SignalR to enable real-time communication between the server and client for specific system interactions; this implementation was later replicated in other company projects.
- Restructured the system's database queries with a focus on performance and security, reducing query execution time by approximately 60%.

Skills: *C#, .NET 6, SignalR, VueJS, Vuex, AngularJS, SQL Server, PostgreSQL, Git and more.*