

Edwin Schleif

Software Engineer

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Full-stack software engineer with over 20 years of experience delivering enterprise solutions across finance, banking, and technology sectors. Specialized in building scalable applications using modern web technologies and the Microsoft ecosystem, with a proven track record of modernizing legacy systems and architecting high-performance platforms that drive business value.

1 WORK EXPERIENCE

Curtis Instruments

Livermore, CA · Jul 2021 to Present

Staff Software Engineer

- Architected and delivered enterprise-grade internal and external customer portals using React, Next.js, Node.js, and ASP.NET APIs, containerized with Docker and deployed on Linux servers behind an Nginx reverse proxy.
- Led development of Windows desktop applications in WPF and WinForms (.NET 4.8 to .NET 8).
- Designed, optimized, and maintained high-performance SQL Server databases to support reliable, scalable releases.

First Republic Bank

San Francisco, CA · Oct 2020 to Jun 2021

Senior Software Engineer

- Spearheaded maintenance and modernization of the bank's mission-critical CRM platform, vital to daily operations across all departments, migrating core modules from legacy ASP.NET to a React frontend backed by .NET Web API.
- Delivered new features and stability improvements in the ASP.NET 4.8 codebase.
- Collaborated with bankers, operations teams, and project managers to align releases with business and regulatory requirements.

Jefferies Financial Group

New York, NY · Feb 2019 to Sep 2020

Senior Software Engineer

- Led prime-brokerage technology initiatives for hedge-fund clients, crafting high-performance WPF solutions with MVVM and Prism.
- Integrated seamlessly with leading custodians and service providers.
- Built a robust Excel-based Profit and Loss (PL) system that ingested live market feeds from Bloomberg, eSignal, Reuters, and other data vendors to support advanced financial analysis.

Mizuho Bank

Jersey City, NJ · Jan 2016 to Jan 2019

Senior Software Engineer

- Sustained and enhanced the bank's statement-generation and distribution platform with SQL Server development and SSIS production support.
- Engineered .NET Windows services and console tools primarily in C#, using VB.NET, Python, TypeScript, and JavaScript for specific functionality.
- Built robust desktop utilities in Windows Forms with structured code organization and comprehensive unit tests.

Pronology

New York, NY · Apr 2014 to Jan 2016

Senior Software Engineer

- Developed time-code-driven media-asset-management interfaces, leveraging C#, WPF, and SQL Server.
- Built core components as .NET Windows services, console applications, and WCF services to integrate diverse broadcast-recording hardware.

Senior Software Engineer

- Developed and maintained the bank's stock and options trading platform.
- Enhanced applications including Internet Banking and middle/back-office tools while coding in C#, VB.NET, VB6, JScript, and VBScript.
- Built user interfaces in ASP.NET (Web Forms to MVC) and Windows Forms.

BRQ Solutions

Jan 2005 to Dec 2007

Senior Software Engineer

- Built web solutions for finance and insurance clients.

Medcenter Solutions

Jan 2003 to Dec 2005

Senior Software Engineer

- Developed marketing and CRM systems.

Fundação Ruben Berta

Jan 2002 to Dec 2003

Software Developer

- Created company intranet and maintained legacy systems.

Kzar Informática

Jan 2001 to Dec 2002

Junior Software Developer

- Enhanced applications using Classic ASP and SQL Server.

2 TECHNICAL SKILLS

- **Languages and Frameworks:** C#, Visual Basic .NET, .NET Framework (1.1-4.8), .NET Core, .NET (5-8), React, Next.js, Node.js, TypeScript, JavaScript, Python, SQL, Angular
- **Technologies and Tools:** Docker, SQL Server, WPF, ASP.NET, Web API, Nginx, Linux, Azure, DevOps, Jenkins, Kafka, Redis, Windows Server, IIS, Windows Services, Windows Forms, MongoDB, Oracle, Snowflake

3 EDUCATION

- **BSc in Computer Science**, UGF, Rio de Janeiro, Brazil (2006)
- **Diploma in Data Processing**, Santa Catarina Technical High School, Rio de Janeiro, Brazil (2000)