

Edwin Schleif

Software Engineer

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WORK EXPERIENCE

Curtis Instruments

Livermore, CA • Jun 2021 to Mar 2026

Staff Software Engineer

- Developed Windows desktop applications in C# (WPF and WinForms) used by embedded engineers to configure, diagnose, and communicate with motor controllers over CANopen.
- Designed and built internal and customer-facing web applications using React-based frameworks and ASP.NET APIs, deployed with Docker on Linux behind an Nginx reverse proxy.
- Developed backend services in Go as a lightweight alternative to Linux-hosted .NET services.
- Led migration of Linux-hosted SQL Server databases to PostgreSQL to improve portability and operational flexibility.
- Designed, optimized, and maintained relational databases supporting reliable enterprise systems.

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, 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 (P&L) system that ingested live market feeds from Bloomberg, eSignal, Reuters, and other data vendors.

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.
- 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.

Safra National Bank of New York

New York, NY • Apr 2007 to Mar 2014

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.

TECHNICAL SKILLS

Front-End: React, Next.js, Angular, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, WPF, XAML, Windows Forms, UWP, Electron, React Native, Android, iOS, Swift, Kotlin, REST APIs, GraphQL, Responsive Design

Back-End: C#, Dotnet Framework, Modern Dotnet, ASP.NET, Node.js, Golang, Python, SQL Server, PostgreSQL, MongoDB, Redis, Oracle, Snowflake, Kafka, Jenkins, DevOps, Windows Server

Artificial Intelligence: Claude Code, OpenAI, Codex, AI Agents, Agentic AI, LLM Integration, Token Management, RAG, Skills, MCP, AI SDK, Embeddings, Vector Databases

Cloud & Infrastructure: AWS, EC2, S3, RDS, Lambda, Route 53, CloudFront, API Gateway, ECS, SQS, SNS, DynamoDB, AWS Transcribe, CodePipeline, Azure, Azure DevOps, Azure App Service, Azure Functions, Azure SQL, Azure Blob Storage, Azure AD, Docker, Nginx, Linux, CI/CD

EDUCATION

Computer Science, UGF — Universidade Gama Filho, Rio de Janeiro, Brazil (2006)

See online resume at edwincloud.com