

Edwin Schleif

Software Engineer

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WORK EXPERIENCE

Curtis Instruments

Livermore, CA • Jun 2021 to Mar 2026

Staff Software Engineer

Global manufacturer of motor controllers and electronic systems for electric vehicles and industrial equipment.

- Led development of the desktop application that interfaced with motor controller hardware through the CANopen protocol.
- Led development of the Curtis Instruments portal for software licensing, documentation, and engineering support.
- Developed CLI tools for internal engineers and external customers to communicate with CANopen devices and manage services and resources.
- Maintained DevOps pipelines for automated builds, installer generation, and deployment packaging.

Stack: C#, WPF, .NET, Go, Gin, Next.js, React, TypeScript, PostgreSQL, SQL Server, Docker, Kubernetes, Jenkins, CANopen

First Republic Bank

San Francisco, CA • Oct 2020 to Jun 2021

Senior Software Engineer

Former San Francisco-based private bank that served high-net-worth individuals and businesses, now part of JPMorgan Chase.

- Maintained the enterprise CRM platform used across all departments and led the frontend migration to a modern framework.
- Backend development and production support across departments.

Stack: C#, .NET, ASP.NET, React, TypeScript, JavaScript, SQL Server, Azure, Azure Functions, Azure SQL

Jefferies Financial Group

New York, NY • Feb 2019 to Sep 2020

Senior Software Engineer

Global investment banking and capital markets firm with prime brokerage, trading, and advisory services.

- Led feature development, maintenance, and bug support of Navigator, the primary desktop platform for prime brokerage clients to monitor portfolios, positions, and P&L in real time.
- Integrated real-time pricing feeds from Bloomberg, Reuters, eSignal, and ICE Data Services.
- Contributed to J-Prime, the web-based portal for portfolio access and reporting, leading the frontend migration to a modern framework.
- Built backend services for position tracking and risk analytics.

Stack: C#, .NET, WPF, DevExpress, Angular, ASP.NET, SQL Server, Excel RTD, Bloomberg API, VSTO

Mizuho Bank

Jersey City, NJ • Jan 2016 to Jan 2019

Senior Software Engineer

One of Japan's largest financial institutions, providing corporate and investment banking services across the Americas.

- Developed and maintained the statement generation and distribution platform for institutional clients.
- Built Windows services and console tools for automated processing.
- Built desktop utilities for internal operations and reporting.

Stack: C#, VB.NET, .NET, Windows Forms, SQL Server, SSIS, Python, TypeScript

Pronology

New York, NY • Apr 2014 to Jan 2016

Senior Software Engineer

Media technology company specializing in real-time broadcast recording and media asset management for television networks.

- Developed time-code-driven media asset management interfaces for broadcast recording workflows.
- Built core services and console applications to integrate broadcast recording hardware.

Stack: C#, WPF, .NET, WCF, SQL Server, Windows Services

Safra National Bank of New York

New York, NY • Apr 2007 to Mar 2014

Senior Software Engineer

Private bank providing wealth management, securities trading, and banking services to high-net-worth clients.

- Developed, maintained, and supported the broker system for trading stocks, futures, and options.

- Integrated the trading platform with banking departments including client services, credit, operations, and middle office.
- Enhanced Internet Banking and middle/back-office applications.
- Built desktop and web interfaces for internal operations and reporting.

Stack: C#, VB.NET, VB6, .NET, ASP.NET Web Forms, ASP.NET MVC, Windows Forms, SQL Server, WCF

SKILLS & TECHNOLOGIES

Languages: C#, Go, TypeScript, JavaScript, Python, Java, Kotlin, VB.NET

Frontend: React, Next.js, WPF, Angular, ASP.NET Web Forms, Tailwind CSS

Backend: .NET / ASP.NET Core, Gin, Kotlin, Express.js, REST APIs, WCF

Mobile: Android, Kotlin, Xamarin

Cloud: AWS (EC2, RDS, S3, CloudFront, VPC), Azure (DevOps, App Services, Azure SQL, Blob Storage, Service Bus)

Infrastructure: Kubernetes, Docker, Nginx, Linux (Ubuntu), Jenkins

Data: PostgreSQL, SQL Server, Redis, Kafka, MQTT

DevOps: Jenkins, Azure DevOps Pipelines, CI/CD, automated builds and deployment

Scrum: Jira, Azure DevOps Boards, Polarion

EDUCATION

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

See online resume at edwincloud.com