

Eric Polerecky

25+ years of experience, 7 Years in IT, plus 15+ years developing. Focused on developing working products for governments, fortune 500 companies, and startups.

EXPERIENCE

Federal Home Loan Bank — *Consultant*

2024 - Current

<https://www.fhlbcin.com>

FHLB is a network of government banks that provide liquidity to commercial banks, credit unions and insurance companies. I worked on a platform designed to ingest rate information from various sources and provide a workflow for approval and adjustments. The platform is responsible for the rates of trillions of dollars daily and as such is highly compliant, audited and secure.

PROJECTS:

- Rates platform - Angular frontend, .NET backend on Azure. Using Functions, Service Bus, Key Vault and other Azure native features.
- IaC - Terraform deployment of all platform features.

TECHNOLOGY USED: .NET Core, TypeScript, Angular/Vue/React, Python, Azure (Service Bus, Functions, SQL, KeyVault, Log Analytics, Azure REST API), AWS (CloudFormation, Lambda, Terraform, AWS REST API)

Code Exitos — *Fractional CTO*

2020 - 2025

<http://codexitos.com>

Code Exitos is a digital product studio for entrepreneurs located in Honduras. I oversaw a team of 50+ developers in Latin America, mostly in Honduras. I was responsible for developing engineering talent, presales engineering, hiring screening and overseeing and supporting project delivery for USA based entrepreneurs and enterprises. There are smart and talented people all over the globe, it was both a challenging and rewarding experience.

PROJECT HIGHLIGHTS:

- Fine tuning and deploying models to Google Vertex.
- Company wide AI usage policy and adoption.

TECHNOLOGY USED: .NET, TypeScript, Angular/Vue/React, React Native, Python, Azure (Service Bus, Functions, SQL, KeyVault, Log Analytics, Azure REST API), AWS (CloudFormation, Lambda, Terraform)

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STRENGTHS

- Leadership, Team Building
- Interviewing and Hiring
- Software Development
- Agentic delivery
- C#/.NET/Azure
- Typescript/Angular/React
- React Native/Expo
- Test Driven Development
- Agile Methodologies

LANGUAGES & FRAMEWORKS

Azure, AWS, C#, JavaScript/TypeScript, Node, Vue, Blazor, React, React Native, SQL Server, MySQL, MongoDB, Redis, Angular, Docker

CERTIFICATIONS

- Anthropic - Claude in Amazon Bedrock
- Anthropic - Claude with Google Vertex
- Anthropic - MCP: Advance Topics

AHEAD — Senior Software Engineer

2018 - 2023

<https://ahead.com>

AHEAD is a cloud consulting agency, my role is to develop software that helps our consultants and customers at all phases of our engagement lifecycle.

PROJECTS:

- Develop an application to collect data across AHEAD's cloud customers using C#, Azure SQL, Angular, Vue
- Develop applications for clients using Angular

TECHNOLOGY USED: .NET Core, TypeScript, Angular/Vue/React, Python, Azure (Service Bus, Functions, SQL, KeyVault, Log Analytics, Azure REST API), AWS (CloudFormation, Lambda, Terraform, AWS REST API)

Akroma — Lead Developer

2017 - 2018

Akroma, a fork of Ethereum, was a blockchain network created to serve the needs of the startups working with TeamVirtuoso and has grown into its own entity.

PROJECTS:

- Modifications to core Ethereum node (Go)
- Development of block explorer, web portal and API (.NET Core, SQL Server, Azure)
- Smart Contract development (Solidity) for decentralized identity

TECHNOLOGY USED: .NET Core, Go, Ethereum (Geth, Solidity), JavaScript/TypeScript (Node, Angular), Azure, [GitHub Actions](#)

TeamVirtuoso — Software Engineer / Founder

2016 - 2018

TeamVirtuoso was a boutique software consulting firm that specialized in fintech, blockchain related projects. Besides daily business and overseeing project work, I develop software solutions for customers.

PROJECTS:

- Developed data ingestion pipeline using Azure Data Factory
- Designed and developed the backend API, service bus and microservice architecture that powers the mobile application for a large commercial bank using .NET and related technology.
- Developed the web interface for a personal banking platform using Blazor

TECHNOLOGY USED: .NET Core, C#, Blazor, Entity Framework, xUnit, Moq, Hangfire, MSSQL, Redis, Castle Windsor, StructureMap, Serilog, Azure, Jenkins, Azure DevOps, F#, Fake, TypeScript, Angular/Vue/React

RightBrain Networks — *Director of Professional Services*

2016

Oversaw client projects and the day to day activities of Software Engineers and Site Reliability Engineers. Provided software craftsmanship and Agile methodology guidance across a portfolio of customers.

ACTIVITIES: Statement of work development, Customer relations, Pre-sales engineering, Strategic partnership management. Oversaw development and delivery teams.

TECHNOLOGY USED: Azure, AWS, F#, C#, ARM Templates, Salt

Wantify — *Application Architect*

2015 - 2016

Worked in venture backed started in close communication with the CEO. Provide technical guidance to Team Lead and team of developers.

PROJECT: Designed and built a multi-sided market platform that consisted of an API, cross-platform mobile application.

TECHNOLOGY USED: .NET MVC, Entity Framework, nunit, Moq, Azure Service Bus, MSSQL, ElasticSearch, Castle Windsor, Log4Net, Azure, Jenkins, F#, Fake, Xamarin, JavaScript, Angular

Pillar — *Senior .NET Software Engineer*

2012 - 2015

Acquired by Accenture.

Oversaw all .NET client projects and day to day activities for teams in Michigan, Ohio and Des Moines. Acted as Lead Developer on multiple projects.

PROJECTS:

- Web based inventory system using JSP and JavaScript
- Enterprise service bus implementation for a financial institution using RabbitMQ
- Winforms application modernization from VB.NET to C#
- Cross Platform mobile app development using Xamarin.
- Developed usability tracking software using C# and Angular.

TECHNOLOGY USED: .NET MVC, Entity Framework, NHibernate, nunit, Moq, Azure Service Bus, RabbitMQ, MSSQL, Castle Windsor, Log4Net, Azure, Jenkins, F#, Fake, Xamarin, JavaScript, Angular

Grasshopper — *Senior Software Engineer*

2012 - 2015

Acquired by Citrix.

Worked as a team member to enhance, update and upgrade a large SaaS telephony platform.

PROJECTS:

- Enabled scalability by deploying the NServiceBus to move complex processing off the main thread.
- Developed rest based API using C# and related technologies
- Implemented a enterprise wide logging framework

TECHNOLOGY USED: .NET MVC, Entity Framework, NHibernate, nunit, Moq, NServiceBus, MS SQL, Castle Windsor, Log4Net, Azure, Jenkins, F#, Fake, Xamarin, JavaScript

DiscoverReady — ASP.NET MVC Developer

2010 - 2011

Developed applications and tools for lawyers.

PROJECTS:

- Developed executive dashboard in ASP.NET MVC, jQuery and SQL
- Developed desktop application using C# and Winforms

TECHNOLOGY USED: .NET MVC, Entity Framework, nunit, Moq, MS SQL C#,

Valassis — C# Developer

2010 - 2011

Valassis is an advertising company specializing in grocery retailers.

PROJECTS:

- Developed REST based API for ad management using C#, DDD and related technologies
- Developed consumer web based platform using ASP.NET MVC

TECHNOLOGY USED: .NET MVC, NHibernate, MongoDB, SQL Server, NServiceBus, Oracle, AutoMapper, WCF, JavaScript

Oakland County — Software Engineer

2006 - 2009

Software engineer for Oakland County Michigan

PROJECTS:

- Developed web based document management platform to improve court process using .NET and related technologies
- Developed GIS based mapping web application using ArcGIS
- Developed web application for RideSharing using C#, ASP.NET and ArcGIS
- Implemented first version of single-sign on using OAuth

TECHNOLOGY USED: .NET MVC, SQL Server, ArcGIS, C#, VB.NET, JavaScript