

Peter McNeely

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EDUCATION

Columbia University, Columbia Engineering

Master of Science in Computer Science

New York, NY
Aug 2022 - Exp Dec 2025

Carleton College

Bachelor of Arts in Mathematics

Northfield, MN
Sep 2009 - Jun 2013

- Honors: Magna Cum Laude

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, Go, SQL, Google Protocol Buffers, C++, Ruby, Python, HTML5, CSS

Frameworks and Libraries: .NET Core, .NET Framework, Entity Framework, Dapper, Orleans, LINQ, React, Redux, Windows Forms, MSTest, XUnit, GRPC

Data Management: Microsoft SQL Server, PostgreSQL, Redis, Redshift, Confluent Kafka, Kafka Connect, Debezium

Logging and Monitoring: New Relic, Datadog, PagerDuty, SignalFX, Splunk, StatsD, Prometheus, Opentracing, OpenTelemetry

Other Tools: Docker, Kubernetes, Node.js, Jenkins, JIRA, Bitbucket, Bamboo, Spinnaker, Octopus, S3, EC2, CodeArtifact, Git

PROFESSIONAL EXPERIENCE

Flatiron Health

Staff Software Engineer

New York, NY
Aug 2022 – Present

- Working to improve and extend lives by learning from the experience of every person with cancer

Namely

Staff Software Engineer

New York, NY
Aug 2021 – Aug 2022

Senior Software Engineer

Nov 2019 – Aug 2021

Software Engineer II

Nov 2018 – Nov 2019

- Worked on migrating two monolithic systems (ASP.NET, Ruby on Rails) into a containerized, distributed Kubernetes mesh deployed on EC2 instances using Docker, Google protocol buffers, .NET Core, and Go
- Designed request/response systems (GRPC) as well as event sourced systems (Confluent Kafka)
- Collaborated with various product, design, and engineering teams to design solutions that support new or enhance existing product features for thousands of clients
- Mentored engineers, and helped foster a healthy, inquisitive engineering department culture
- Was responsible for 30+ production services while respecting a 99.99% SLA

Mortgage Industry Advisory Corporation

Senior Vice President of Software Development

New York, NY
Jan 2018 – Nov 2018

Vice President of Software Development

Jan 2017 – Jan 2018

Software Developer

Jan 2013 – Jan 2017

- Managed the design, development, and maintenance of four secondary market web solutions (.NET Core, .NET Standard, and .NET Framework)
- Refactored of three desktop applications to web applications
- Switched the company's source control versioning system for all repositories from CVS to Git while teaching other engineers how to use Git
- Managed and developed a proprietary collateral management system written in C#, HTML5, CSS3, and JavaScript using ADO.NET, ASP.NET, Entity Framework, Web API 2, and AngularJS
- Designed, developed, and maintained a secondary market pipeline management system (C++, MFC, and Microsoft SQL Server)
- Integrated ten proprietary systems with live market price capture capabilities for thousands of financial instruments leveraging Bloomberg Desktop API and Thomson Reuters Eikon Desktop API