

# Christopher Markus

## Software Developer/Engineer and Architect

Highly accomplished Software Developer and Architect with over 20 years of experience, adept at translating business needs into innovative technology solutions. Proven ability to lead Agile teams, drive DevOps practices, and deliver impactful outcomes in demanding environments.

## Core Expertise

- **Software Development:** Full-stack proficiency with extensive experience in Java, .Net, Python, Node.js, SQL and NoSql. Adaptable to new languages and frameworks as needed.
- **Cloud Computing:** Successfully led six major cloud projects, demonstrating expertise in AWS, GCP, and OpenShift.
- **Solution Architecture:** Skilled in aligning architectural decisions with team capabilities to maximize business value and developer productivity.
- **System Design:** Proficient in designing scalable, secure, and robust systems, with a focus on distributed systems.
- **DevOps:** Champion of automation and continuous improvement, driving efficiencies in testing, deployment, and observability.
- **Agile Leadership:** Experienced in fostering collaborative Agile environments that promote innovation, communication, and high-quality deliverables.

## Impactful Contributions

- **Boston Scientific:** Led Agile team in developing and enhancing a Device History Record solution with serverless Lambda Node functions and Postgresql, improving Global Quality operations with a 70% reduction in issues reported. Provided technical leadership, drove DevOps adoption, and ensured timely resolution of issues.
- **Wayfair:** Spearheaded strategic technical initiatives impacting 300+ engineers. Established SRE practices, led major cloud migrations of over 200 applications, modernized MLOps team and infrastructure with the GCP AI Platform, implemented a self-service terabyte-scale data lake in GCP and led the cross organizational effort to implement the Kong API gateway.
- **Best Buy:** Led Scrum teams in redeveloping a critical scheduling application in Java on OpenShift. Implemented microservice decomposition, optimized event-driven communications, and championed API-first development.
- **HealthPartners:** Developed a strategic plan for microservice migration in Java on OpenShift. Implemented a customer-facing Wellbeing registration system and critical security updates.
- **Thomson Reuters:** Designed and deployed high-performance microservices in AWS supporting terabyte-scale data APIs using S3, Dynamodb, container and serverless Java solutions.
- **Trimble:** Established architecture, coding patterns and standards for outsourced development teams. Designed a serverless microservice architecture in AWS featuring user profile and geolocation services.

See LinkedIn for my complete software development work history (1998 - 2016): [linkedin.com/in/cmarkus](https://www.linkedin.com/in/cmarkus)

## Contact

763-862-7880

[getmarkus@msn.com](mailto:getmarkus@msn.com)

[linkedin.com/in/cmarkus](https://www.linkedin.com/in/cmarkus)

[github.com/getmarkus](https://github.com/getmarkus)

## Recent Positions

### Boston Scientific

#### Lead Software Developer (Contract)

January 2023 - Current

### Wayfair

#### Senior Staff Software Engineer

January 2020 - January 2023

### Wayfair

#### Solution Architect (Contract)

April 2019 - January 2020

### Best Buy

#### Solution Architect (Contract)

November 2018 - April 2019

### HealthPartners

#### Lead Software Developer (Contract)

June 2018 - November 2018

### Thomson Reuters

#### Lead Software Developer

September 2016 - June 2018

### Trimble

#### Solution Architect

February 2016 - September 2016

## Skills

- Java, C#, Python, Node
- AWS, GCP, Containers, Kubernetes, Lambda
- Terraform, IaC, Jenkins, git
- SQL, NoSQL, Postgres, BigQuery, DynamoDB, RDS, Kafka
- React, Angular

## Education

Bachelor of Arts, History

Metropolitan State University, St. Paul, MN