

## SKILLS

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**Languages/Frameworks:** C#, .NET Core, ASP.NET, IdentityServer, ServiceStack, Ruby, Rails, Obj-C, SQL

**Azure Services:** AKS, Service Fabric, Azure Functions, AAD

**Databases/ORMs:** MS SQL Server, SQL Azure, PostgreSQL, MySQL, Entity Framework, Active Record

**Tools:** Visual Studio 2010-2017, VS Code, TFS/VSTS, Git, Redis, Memcached, JIRA, Photoshop

## EXPERIENCE

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### MTC Technical Architect - Azure App Development at Microsoft

April 2018 - Present

- Led workshops, educational briefings, architecture design sessions, and proofs of concept for numerous enterprise companies, helping drive their strategies for software design, DevOps, and cloud migrations.
- Helped Microsoft customers develop cloud-native applications. Guided architecture and development of complex solutions leveraging microservices, containers, serverless platforms, API gateways and more.
- Leveraged relationships built across multiple organizations to help instill confidence in Microsoft's products and services, leading to strategic, significant, and valuable product adoptions and platform migrations.
- Worked closely with product teams to facilitate new technology adoption, capturing and relaying feedback.

### Lead Software Engineer at UniKey Technologies

May 2015 - December 2017

- Managed a team of 8+ developers building web and API products. Provided technical expertise in development, architecture, performance, and scalability. Provided frequent individual guidance and coaching.
- Developed and supported APIs with Azure Cloud Services and Azure Service Fabric powering numerous commercial and residential IoT access control products, serving more than 10mm API requests each day.
- Developed software which handled 20,000+ persistent WebSocket connections. Implemented asynchronous message processing using Azure Service Bus to achieve scalability in handling over 5mm messages per day.
- Led development of a public RESTful API empowering partners to develop their own applications on the UniKey platform as well as enabling integrations with Amazon Alexa, SmartThings, Nest, and Honeywell.

### Lead Engineer at Cloudspace

September 2012 - May 2015

- Led teams of engineers in developing Ruby on Rails, iOS, and Android applications. Developed architecture plans for new projects and assisted in their implementation. Facilitated team member learning.
- Implemented company-wide CI/CD and quality standards leading to significantly increased productivity.
- Worked as a full-stack engineer developing Objective-C iOS applications and Ruby on Rails APIs backed by PostgreSQL and memcached. Managed production environments hosted with Amazon Web Services EC2.

### Software Development Contractor

December 2009 - September 2012

- Developed numerous full-stack web and data analysis projects leveraging Python, Django, and PostgreSQL.
- Developed a C++ application that interfaced with financial trading software and executed stock trade orders in real-time based on results from a distributed Python-based market analysis cluster.

### UCF/Lockheed Martin CWEP

July 2008 - November 2009

- Worked to migrate legacy DB2-based applications to a C#/ASP.NET Web Forms app using MS SQL Server.

## EDUCATION AND ACHIEVEMENTS

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**Microsoft:** Certified Azure Solutions Architect Expert

2019

**University of Central Florida:** B.S. Double Major - Computer Science; Information Technology

2010