

## Andrew Cook

[andrew.james.cook@gmail.com](mailto:andrew.james.cook@gmail.com)

(928) 830-1410

### PROJECTS

- Crafted a Smart Mirror powered by a Raspberry Pi running Windows IoT and Linux.
- Connected my refrigerator to Azure via Raspberry Pi to send temperature telemetry to an Azure Function storing the data in Cosmos DB.

### EXPERIENCE

#### Microsoft

06/2018-Current

Redmond, WA

#### Senior Software Development Engineering Manager

- Lead a team that implements and maintains several microservices running on Azure using C# and .NET that powers the interactivity of docs.microsoft.com that has millions of pages and over 200+ million page views per month.
- Built multiple components of Microsoft Learn using Azure including Azure SQL, Functions, Service Bus, Event Hub, Storage, Application Insights, Traffic Manger, and Cosmos Db. Microsoft Learn allows people globally to learn about Microsoft products and services with most modules taking about an hour to complete.

#### Attunix

08/2016-06/2018

Bellevue, WA

#### Senior Software Development Consultant

- Used Angular, ASP.NET, MVC Framework, Microsoft Azure, Microsoft SQL Server, Redis Cache, VSTS, C#, HTML, and CSS to develop multiple custom applications for clients with a workforce of 30,000+. Implemented Scrum process including daily standups, code review, and sprint planning.
- Created and trained client's staff on DevOps including CI/CD using VSTS.
- Designed and deployed internal facing custom web and mobile applications for enterprise clients. Utilized Agile methods to deliver .NET applications hosted on Azure. Mentored and trained client's team in Azure, DevOps, and .NET. Implemented CI/CD for applications and databases.

#### Cook Data

04/2011-08/2016

Prescott Valley, AZ

#### Owner, Software Development Consultant

- Used ASP.NET, MVC Framework, Microsoft Azure, Microsoft SQL Server, C#, HTML, and CSS to deploy an application for a customer replacing physical paper to track quality of service, reducing feedback time for front line staff from 1-5 days to 1-12 hours as well as reducing paper consumption by 500 sheets/week.
- Used ASP.NET, C#, Twilio, HTML, CSS to create a custom application to automate SMS notification reducing the time to notification of critical events and increasing productivity of an emergency call center saving 30 seconds per notification.
- Used Adobe Flex, HTML and JavaScript to create an internal mapping application saving 30 seconds per use over paper based mapping. The application displays in-house ArcGIS mapping and runs offline to ensure continuous use in areas where there is no mobile data coverage. Application continues to have no end user reported errors in 5 years of daily use.