

# Alec Harrison

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## Technical Skills

**Clouds/Platforms:** Azure, Firebase, Azure DevOps, GitHub

**Languages/Scripts:** C#, Bicep, ARM, TypeScript, Javascript, Bash, PowerShell

**Frameworks/Libraries:** Angular, .Net, EF Core, Swagger, SpecFlow, Jest

## Professional Experience

### Growers Edge

Johnston, IA (Remote)

#### Technical Lead

Aug 2021 - Present

- Designed and developed CI/CD pipelines to ensure rapid delivery, reduce testing timelines by 90%, and increased test code coverage by 70%+
- Coordinated weekly check-ins to keep three direct reports aligned to the bigger picture
- Increased team velocity by over 50% in a quarter by helping establishing goals and KPIs
- Launched a white label SAAS warranty tracking MVC .Net App using EFCore code first with an Angular frontend with material design hosted in Azure App Service and Static WebApps respectively
- Designed cloud architecture to be robust, yet budget friendly for our needs
- Formalized a culture of growth by setting weekly knowledge sharing and introduced quarterly growth goals in the organization

### Source Allies

Urbandale, IA

#### Software Consultant

May 18 - Aug 2021

- Adhering to agile methods, developed an automated serverless application using Azure function to collect data and reduce manual data collection by 90%
- Deployed MVC .Net Core application using EFCore Db first design with Angular frontend using material design to display data and create reports to decrease risk in seed hedging process that is responsible for 1-2 billion dollars annually
- Reduce manual data entry error and saved the company over \$400k+
- Collaborated and built model project for others to take as templates to begin other .Net EFCore/ Angular material/ IaC projects in Azure using extreme programming techniques
- Served as a lead DevOps consultant and assisted in leading continuous integrations solutions utilizing Azure DevOps
- Helped coordinate offshore testers to flush out manual test cases
- Assisting in a cloud lift and shift of a monolith system to the cloud
- Built a react native mobile application using a serverless backend architecture
- Established a culture of mentoring and learning by creating internal communities of practice to improve DevOps and Azure across the company including 5-10 weekly mentees
- Assisted in talent acquisition by facilitating interviews, created interview projects, and served as onboarding buddy

### Software Developer Apprentice

Summer 17

- Worked tickets on an agile team to rebuild E-Commerce platform swapping out providers
- Implemented Django CMS to allow instant changes to site done by customer's marketing team
- Worked in a test first and pair programming environment to provide quality code
- Helped review code to deliver quality code to the clients.

### University of Nebraska Medical Center

Omaha, Nebraska

#### Lead Microsoft HoloLens Developer

Summer 16

- Supervised and trained one other employee
- Developed a CT program to use on the HoloLens
- Found, applied, and was accepted into the Vuforia beta testing program
- Connected with UNMC personal to see if their ideas were viable on the HoloLens

## Extra Professional/Volunteer/Passions Projects

### Iowa Microsoft Azure User Group

Urbandale, Iowa (Remote)

#### President

August 2020 - Now

- Revived 350-person user group and grew it to 580 people
- Build connections to have engaging speakers and sponsors to grow attendance
- Formed Legal 501c3 nonprofit for easier sponsor acquisition

### Kansas City Microsoft Azure Meetup

Remote

#### Leader

August 2022 - Now

Urbandale, Iowa

- Run user group with over 590 person email list
- Build connections to have engaging speakers to grow attendance

**Azure Cloud Workshops**

**Co-Leader**

Urbandale, Iowa

- Reimagined Microsoft Cloud Workshops to keep them public, easy to follow, and free for everyone

**Remote**  
**June 2022 - Now**

**Education**

**Iowa State University, College of Engineering - B.S. Computer Engineering**

Ames, Iowa - May 2019

**Certifications**

Microsoft Certified: Azure Fundamentals

Source Allies Black Belt Award