

Alec Harrison

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www.linkedin.com/in/alec13355 | [Microsoft MVP](#) | <https://www.azurebarista.com> | <https://github.com/Alec13355>

Technical Skills

Clouds/Platforms: Azure, Azure DevOps, GitHub

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

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



Professional Experience

LeanTECHniques (Client 2)

Technical Consultant / AI Staff Engineer

Des Moines, IA (Remote)

Dec 2023 – Present

- Currently leading AI adoption at \$2 billion dollar in revenue client
- Helping develop gen AI strategy and architecture
- Proving profitable AI outcomes
- Leading internal training to skill up engineers both internally and at the client on generative AI topics

LeanTECHniques (Client 1)

Des Moines, IA (Remote)

Technical Consultant

Sep 2023 – Dec 2023

- Building out OTAP project using Azure
- TDD and paired programming in .Net and Angular

Linkedin

Omaha, NE (Remote)

Linkedin Learning Instructor

Sep 2023 – Present

- Created Course on AI-102 (Generative AI Section)
- Planned Curriculum for AI-102 (Generative AI Section)

Lunavi

Omaha, NE (Remote)

Lead Developer

Oct 2022 – Sep 2023

- Lead team of 4 nearshore developers to identify legacy system of record requirements for SAP migration
- Helped client find gaps in architectural designs and mitigations plans to ensure robust rollout of application
- Established company Azure advocacy group to internally train internal company's employees

Growers Edge

Johnston, IA (Remote)

Software Engineering Manager

Aug 2021 – Oct 2022

- Designed and developed CI/CD pipelines to ensure rapid delivery, reduce testing timelines by 90% with Jest and Specflow, and increased test code coverage by 70%+ in Azure DevOps
- 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 2018 – 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 2017

- 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
Lead Microsoft HoloLens Developer

Omaha, Nebraska
 Summer 2016

- 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

Omaha Azure User Group
President

Omaha, NE (Remote)
 January 2024 - Now

- Help co-organize in person user group events

Iowa Microsoft Azure User Group
President

Urbandale, Iowa (Remote)
 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
Leader

Remote
 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

Remote
 June 2022 - Now

Urbandale, Iowa

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

Education

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

Ames, Iowa - May 2019

Certifications

Microsoft MVP in AI

Microsoft MVP in Azure

Microsoft Certified: Azure Fundamentals

Source Allies Black Belt Award