

## Aaron Merrill

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### SKILLS

*Languages:* ARM, bicep, Terraform, yaml, Powershell, bash, C#, SQL, Python

*Tools / Frameworks:* Azure DevOps, Github Actions, Entity Framework Core, HotChocolate, Typescript, Next JS, Angular, React, Jest

### EXPERIENCE

Source Allies

*Senior Full Stack Developer / Cloud Architect* - Variety Royalties

August 2023 - Present

- Tech stack: NextJS, React, TypeScript, Tailwind, C#, HotChocolate, Sql Server, Github Actions
- Architected the Azure infrastructure and the deployment pipelines
- Initialized the C# project utilizing HotChocolate to serve a federated GraphQL api
- Utilized Azure Front Door and Private Endpoints to secure communication between the App Services and the UI and external api clients
- Led knowledge transfer sessions with the client's in-house developers on modern technologies
- Variety Royalties enabled our client to make changes to their rates more easily, added auditing to the royalty changes and tighter security restrictions, and enabled automation with external apps

*DevOps Engineer* - AMA

July 2023

- Tech stack: Node, Typescript, Terraform, Github Actions
- Implemented use of Azure Key Vault for OTP flow for new hires' initial login
- Set default email groups for new employees via Terraform and Microsoft's Graph api

*Lead DevOps Engineer* - SeedPro

October 2021 - June 2023

- Tech stack: ARM, bicep, Azure DevOps, Powershell, bash, C#, Angular
- Ramped up teammates on IaC and Azure
- Migrated the 20+ projects from ARM to bicep, migrated 60+ deployment pipelines from Azure Pipelines (Classic) to yaml, and implemented templates to more effectively manage them
- Migrated all deployment secrets to environment-specific Key Vaults and App Configurations
- Automated the copy of data from upper to lower environments to assist QA and development teams to be more effective by using realistic data

*DevOps Engineer* - ActMod Integrate

March 2021 - October 2021

- Tech stack: Azure Data Factory, ARM, Azure DevOps, yaml, python
- Implemented a Dev/Prod deployment cycle for the Azure Data Factory
- Ramped up the non-technical team leads on various modern development tools
- Created a python Azure Function to fill a gap in the S3 connector capabilities at the time
- Integrate facilitated data transfers to/from 6 sources, added metadata for use by downstream services, and tracked all traffic to an audit log

*Senior Software Developer* - Grain Desk Pro

March 2019 - March 2021

- Tech stack: Angular, Jest, Cypress, C#, Swashbuckle, SpecFlow, EFCore, ARM, Azure Pipelines
- Worked closely with the delivery lead to create and maintain a normalized database
- Through pair programming I was ramped up on Angular as well as Azure, and I shared my expertise of C# best practices including OOP and LINQ with the team
- Before our project had gone live, there was a typo into the existing system that cost our client \$135,000. Grain Desk Pro eliminated these errors by completely automating the daily processes

AgVision

*Software Developer* - Payroll & Financial

January 2012 - March 2019

- Tech stack: C# WinForms, Crystal Reports, MySql
- Converted legacy CADOL payroll and J++ finance systems to C#.NET
- AgVision had its highest number of sales the first year that the new payroll system was used

### EDUCATION

A.A.S., Computer Programming

August 2011

Indian Hills Community College, Ottumwa, IA