

Eliise Seling

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EXPERIENCE

Software Engineer (ISE) | [Microsoft](#)

August 2019 - Present

Go, Kubernetes, Azure IoT Operations, Python, GitOps/Flux, LLMs, Terraform/ARM, Github/AzDO
Help Microsoft customers and partners be successful adopting cloud technologies.

- Led AI at the Edge Flagship Accelerator as core developer and administrator, establishing hyper velocity engineering practices and enabling multiple manufacturing deployments across customer engagements
- Architected and deployed production-ready AI extraction services and experimentation frameworks for enterprise customers, significantly accelerating experiment velocity and autonomous decision-making
- Spearheaded Azure IoT Operations product feedback loop, identifying and resolving critical production blockers while contributing architectural design documents adopted across multiple customer engagements
- Created reusable solutions adopted across multiple engagements including certificate management for IoT Edge and GitOps architectures influencing Microsoft product design
- Major open source contributor to Microsoft cloud infrastructure and developer tools ecosystem

Technical Lead | [OrderYOYO](#)

November 2017 - March 2019

C#, Visual Studio, .NET Core, Typescript, ASP.NET, Azure, Azure DevOps

- Technical Lead of a takeaway ordering project in .NET Core for over 2000 restaurants
- Continuous production deployment on over 8 projects with Azure DevOps
- Mentoring and leading junior software engineers
- Integrate and establish CI/CD, GitFlow, testing, security and development practices
- Establish Application Insights integration and monitoring
- Developed a custom login/registration authentication with an existing API
- Automated moderating of Google locations using Google My Business API for over a 1000 restaurants

SKILLS

Go, Python, .NET Core, Kubernetes, Linux, Terraform/ARM, GitOps/Flux, Azure IoT Operations, LLMs, Azure DevOps, GitHub/AzDO, Architecture Design

PROJECTS

Edge AI Flagship Accelerator | [Microsoft](#)

current

Python, Rust, bash/powershell, Kubernetes, Azure IoT Operations, Terraform, Bicep, GitOps/Flux

Core developer and administrator for Microsoft's flagship accelerator enabling AI at the edge scenarios, establishing hyper velocity engineering practices and deployed across multiple manufacturing environments

Azure IoT Certificate Manager | [Microsoft](#)

2024

Go, Kubernetes, Azure IoT Edge

Co-developed certificate management solution for Azure IoT Edge, including initial architecture decision records

AKS Windows GPU Acceleration | [Microsoft](#)

2023

Kubernetes, Windows, GPU Computing

Enabled GPU access for NC and NV series machines on Windows Kubernetes nodes, foundational work later adopted by Kubernetes project group

Azure IoT Edge Dev Tool | [Microsoft](#)

2022

Python, Docker, Azure IoT Edge

Top contributor to the official development tool for Azure IoT Edge, streamlining local development and testing workflows

Azure DevOps Terraform Provider | Microsoft 2020
Go, Terraform, Azure DevOps API, Github

One of the original founders of the official Terraform provider for Azure DevOps, enabling infrastructure-as-code for DevOps workflows

Dev Container Features | Dev Containers 2023
Docker, TypeScript, Development Tools

Created and published custom development container features, added to official Dev Containers registry

Web Game Development Workshop | Schweizer Jugend forscht 2023
JavaScript, HTML/CSS, Game Development

Designed and led interactive web development workshop for Swiss youth science competition participants

Databrick Operator | Microsoft 2020
Go, Kubernetes, Python, Github, Locust

Contribute Load testing framework with mock Databricks API

EDUCATION

KEA - Københavns Erhvervsakademi
Software Development - Professional Bachelor
Computer Science - Academy Profession

June 2018
January 2017