Spencer Maas

SOFTWARE ENGINEER

360-271-2067 | maas.spencer@outlook.com | Seattle, WA

---------------------- PROFESSIONAL SUMMARY------------------------

Software Engineer with over 3 years of experience in developing applications using C# .NET, Python, and Javascript. Proficient in Azure and AWS cloud technologies, including Cosmos DB and DynamoDB. Experienced in modernizing CI/CD pipelines and building backend APIs.

------------------------- AREAS OF EXPERTISE --------------------------

TECHNICAL SKILLS   C# .NET | Test Driven Development | Jave | Golang | Azure Cosmos DB | AWS Dynamo DB

--------------------- PROFESSIONAL EXPERIENCE ----------------------

SOFTWARE ENGINEER, Schneider Electric | Seattle, WA   June 2021 – Present

As a Software Engineer specializing in C# .NET, I design and implement applications to enhance client operations by creating reusable libraries, automating workflows, and improving deployment processes.

- Developed and deployed backend C# web APIs integrated with Cosmos DB on Azure Web Apps, enhancing application scalability and performance
- Implemented client applications with Azure Service Bus queues to automate API workflows, streamlining communication between services.
- Migrated CI/CD pipelines from Jenkins to Azure DevOps to simplify hosting and deploying NuGet packages.
- Built .NET Standard libraries to abstract third-party APIs, enhancing code reusability across projects.

SOFTWARE ENGINEER, Actalent | Seattle, WA   July 2020 – June 2021

In this role, I focused on developing geospatial data management tools using C# .NET. I worked on enhancing data accessibility and supporting analytics teams by building applications that integrated with GIS technologies and databases.

- Wrote a C# ArcGIS Pro Add-In to query and update geospatial data from MSSQL databases.
- Developed console applications to extract GIS data for client PowerBI Teams.

SOFTWARE ENGINEER, EASi LLC | Seattle, WA   October 2018 – August 2019

As a Software Engineer I developed applications to streamline hardware management and improve monitoring processes. My work improved employee efficiency and automated error reporting, contributing to better operational oversight.

- Developed a WPF application to manage hardware installation and auto-generate manifests.
- Built a WPF tool for monitoring site readings and automating error reporting to Slack.

--------------------------------- PROJECTS ----------------------------------

- https://spencermaas.com – Next.js react web app deployed on Azure, configured with flowbite.js.
- Created a website for streaming videos which automatically transcribes the uploaded videos to make videos searchable by textual content. Implemented with golang backend web server and Svelte frontend, deployed on EC2 using Apache and connected to S3, CloudFront, WAF, and CI/CD built with github actions.

--------------------------------- EDUCATION ---------------------------------

Computer Science B.S., Washington State University, *Pullman, WA*