

Yusuf Corr

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SUMMARY

As a self-taught engineer, I've blazed through the engineering industry, developing key, full stack feature sets that have added tremendous impact and profit margins for Microsoft. My major contributions to Microsoft can be seen in the "ACCOMPLISHMENTS" section and an in-depth look at the roles behind these features are described in my "ENGINEERING EXPERIENCE" section.

ENGINEERING EXPERIENCE

Software Engineer (LEVEL 60) – HoloLens

August 2021 – February 2023

- Designed and implemented a Cloud hosted tool using Visual Studios, C#, .Net standard centered around file share utilization and storage clean up that had projected savings of 300\$+ dollars per year while cleaning up 100+ GB of space of auto-generated and stale artifacts
- Managed multiple cloud-based solutions, enhancing overall workflow such as adding in an additional endpoint to an internal API allowing third-party vendors to save on average 1.5 hours when going through an internal approval system for testing purposes
- Ensured KPI's were being met by gathered custom tooling telemetry using Azure App insights to analyze usage, bottle necks, and failure API failure reporting

Software Engineer (LEVEL 59) – Intune

July 2020 – August 2021

- Investigated and fixed an issue in the database and ingestion pipeline of GroupPolicyObjects (GPO) where duplicate objects were not yet being caught. The result cleaned up and removed 50+ duplicate objects which would have caused policy conflicts on machines if both were configured with different values
- Demonstrated excellent communication and presentation skills while creating and holding brown bag presentations on our tool and while engaging in cross team collaboration and share the complex nature and knowledge of the ingestion process and of GPO hierarchy
- Utilized my knowledge of the GPO domain to design GPO policy conflict resolution software for the ingestion process to ensure that ingested policies would not unintentionally impact each other. This resolved multiple severity 1 and 2 bugs that consistently were caught during on-call rotation

LEAP Software Engineer Apprentice (Contract) — Aerotek

January 2020 - July 2020

- Gained crucial communication skills while participating in daily SCRUM meetings, bug triage, and design spec meetings to ensure smooth workflow
- Developed an end-2-end feature with telemetry as a requirement to track customer usage and engagement. Telemetry was stored in SQL using stored procedures for the production environment stage of the feature
- Documented feature usage for version 2006 of CMPivot (product) which was included in the official Microsoft release and documentation to help on-board existing and new customers to the added functionality. Current viewing of CMPivot documentation stands at and around 150 views globally per day

ACCOMPLISHMENTS

CMPIVOT(Aerotek/Intune): https://learn.microsoft.com/en-us/mem/configmgr/core/servers/manage/cmpivot-changes#bkmk_2006

- Pioneered a user workflow for Azure admins to ingest custom GroupPolicy rules through the Azure cloud. This feature enhanced Admins ability to choose Azure Cloud services (Intune specifically) to manage their devices by allowing ingestion of third party ADMX/ADML templates (such as Google or FireFox). This tool is now in public preview as of 2024

Custom Group Policy ADMX/ADML Ingestion(Azure Cloud Service/Intune): <https://learn.microsoft.com/en-us/mem/intune/configuration/administrative-templates-import-custom>

- Modernized CMPivot's UI by adding a drag & select, stand-alone launch options, and implemented a new feature for selecting CMPivot for a single device. This feature was a key goal of CMPivot's iteration and was listed in the official release documentation for Microsoft as an improvement for version 2006

EDUCATION

Computer Science Prerequisites – Bellevue College

CS 210 Fundamentals Of Cs I (GPA: 4.0)

April 2020

CS 211 Fundamentals Of CS II (GPA: 4.0)

January 2022

Bachelor of Science in Biology — University of Washington Bothell

Graduation: June 2019

GPA: 3.58

SKILLS

Azure Cloud: Storage Containers, Cosmos DB, App Services, Text Sentiment Analysis, Key Vault, Subscriptions, Resources Groups, App Insights

Languages: C#, C , Java, Python, Typescript, Html, Css, Kusto, SQL

Scripting: Bash, Powershell, Yaml

Frameworks/Libraries: .NetFramework, .NetStandard, Moq, Blazor, React, PyTorch, Tensor

Devops: Agile, SCRUM, Azure Devops, Github

OPEN SOURCE CONTRIBUTION & HACKATONS

Hacktogether 2023 - <https://github.com/guanryan1234/Hacktogether-2023>

- Created a Blazor application that integrated Microsoft Graph and an internally trained Open AI model to read from Microsoft To Do and automated scheduling from Tasks listed to schedule a meeting

Standard.AI.OpenAI - <https://github.com/hassanhabib/Standard.AI.OpenAI>

- .NET Library for C# developers accessing Open AI APIs
- 280+ downloads off of nuget with 11+ contributors

VCfKit - <https://github.com/YusC3/vcfkit>

- A python CLI tool for analyzing, reading, accessing VCF files easier (using Python)