Yongding Sun

PROFILE

Senior Software Engineer at Chevron with over 6 years of experience with developing software backend, various cloud compute technologies, large scale infrastructure and led over engineering teams and mentored over junior developers.

CONTACT INFORMATION

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TECHNICAL SKILLS

C++, C#, JavaScript, PowerShell, Bash, Angular, Terraform, Ansible, Azure Cloud, DevOps, CICD, Docker, Kubernetes, ServiceNow

EDUCATION

- B.S. in Computer Science, California State University of Chico

- M.S. in Software Engineering, California State University of Fullerton

EXPERIENCE

Senior Software Engineer | Chevron CORP | 2021 - Current
- Implemented Azure Function in C# to be used as API for Application team to perform CRUD operation on Application Logs in Azure Monitor which reduced 40% of support engineers time on finding the root cause of Application's Failure.

- Implemented Azure DevOps pipelines with Ansible to provision Azure Cloud Resources which reduced 50% cloud waste and avoid over provisioning.

- Implemented and designed Auto Remediation in IT infrastructure with ServiceNow, Azure Monitor, Azure Runbook, and Powershell. This lead to Incident count to be reduced by 60% and reduced supporting engineer's operating time by 90%.

Software Engineer | Chevron CORP — 2018-2021
- Implemented Rest API with Azure Function in C# for internal teams to perform CRUD operation on CMDB, they used this API for dashboard integration or other automated tasks which allow the company to increase CMDB data quality by 40%

- Led the Cloud Migration project and modernized the oil refinery applications in .Net to be hosted on Azure. Which lead the company to decommission few data centers and saved about 2 millions/year on operational saving.

PROJECT

Gifting Web App | C#, Angular, Azure Machine Learning Studio | 2023
- The app provides personalized gift suggestions based on user responses and integrates Azure Machine Learning Studio for data analysis.Implemented product queries via the Amazon's API and deploy the application using GitHub Actions to Azure App Service.

Cloud Resume Challenge | Terraform, Azure Cosmos DB, Azure Function, CICD | 2023
- The web app is hosted in Azure Storage Account to showcase my resume, using Azure Function to track the visitor count and storing the count in Azure Cosmos DB.