

Samuel Tran

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WORK EXPERIENCE

MGM Resorts - Software Engineer

September 2021 – Current

Las Vegas, NV

- Migrating hundreds of API Proxies, app keys, specs, deployment scripts, and current CI/CD implementations from **Apigee Edge** to **Apigee X**.
- Maintaining and onboarding **Apigee** platform for different teams by fronting API services with a proxy layer.
- Developed Cloud Reporting Service with **C#** to automatically query and report data about **Azure** and **AWS** Cloud Resource Utilization; capturing over a thousand records of underutilized cloud resources, reducing cloud costs and improving cloud hygiene.
- Designed and implemented Support Chat Bot features using **C#** to automatically send notifications for critical alerts from OpsGenie to Microsoft Team's channels, servicing hundreds of on-call engineers daily.
- Exposed services to **GraphQL** to reduce over- and under fetching data using **Typescript**.
- Created database structure using **Azure Table Storage** that would store alert information and state objects of Microsoft Team's conversations.
- Designed and executed unit/integration tests for services using **NUnit** and **Moq** frameworks.
- Collaborated with internal teams to add custom features for Chat bot to call API services, query **Oracle SQL** database for customer/reservation data, and authentication based on organization.
- Converted **Azure CI/CD** pipelines to **Github Actions** workflow.
- Monitored incoming incidents from **Opsgenie** and conducted cross-team collaborations to resolve incidents.

General Motors - Software Developer

October 2020 – September 2021

Austin, TX

- Developed API service that would track points that are earned or redeemed by a customer's order with **Java**; servicing the four major brand websites and individual onboarded dealerships.
- Designed **SQL** queries using **Oracle SQL Developer** in order to reduce execution time when retrieving customer information from on-premises databases.
- Optimized web service REST API by consolidating multiple endpoints into one call and updating the response.
- Maintained and supported B2B and B2C eCommerce applications by resolving defects and deploying patch sets.
- Audited and reviewed **Fortify** security scans to identify critical issues or vulnerabilities during development.
- Engaged in an agile work environment with three-week sprints and daily standups using **Azure DevOps** and **Microsoft Teams**.

EDUCATION

Texas A&M University - B.S., Applied Mathematics Sciences, Computational Emphasis

May 2020

College Station, TX

- Computer Science Minor

SKILLS

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- Languages: C#.NET, Java, Python, C++, HTML, CSS; Frameworks: NUnit, Moq, Microsoft Bot, Django; Tools: Git, Docker; Databases: SQL (Oracle), Azure; IDE: Visual Studio, VS Code, Eclipse