Max Pham

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☰ Technical Skills

Programming Languages	**Java**, **Python**, **Javascript**, C, HCL, SQL, Bash
Frameworks	**Terraform**, **React.JS**, **Spring Boot**, Flask, Chakra UI
Database Systems	MySQL, PostgreSQL, MongoDB
AWS Services	**Lambda**, **Cloudformation**, **S3**, **SAM**, Cloudwatch, ECS, API Gateway, CloudFront

💼 Professional Experience

current
from July 2022

Software Engineer I | Platform, Uken Games, Toronto
> Increasing IAP revenue by **25%** by integrating new payment system with Xsolla
> Increased marketing performance and cost reduction with In-house Mobile Dynamic Messaging System.
> Reduced AWS MSK deployment maintainance time by placing Broker URLs behind DNS
> Enabling better visibility and customizability by rebuilding custom Github Pull Request notifier bot with Python. Deployed with AWS SAM
> Enhanced community support by implementing a Discord notifier bot for a Live Service game

Reactive Spring | Web3 Manifold | AWS | Python | Kafka | Git LFS

to Oct 2021
from May 2020

Software Engineer PEY | Platform, Uken Games, Toronto
> Reduced **100%** cost with Slack bot incident communication by moving to **AWS SAM** from EC2
> Reduced **30%** unproductive commits by enforcing codestyle using Prettier plugin through Jenkins
> Managed **1000+** Github resources by designing **Terraform-based** system with changes through **JSON** format
> Increased marketing's outreach by **28%** with API scheduling system based of db-scheduler library
> Consolidated **100%** of technical documentation to a single Wiki solution: Wiki.JS. Deployed to **AWS** with authentication using OneLogin SAML

Terraform | AWS | Python | Docker | IntelliJ Idea | Spring Boot | Jenkins

🎓 Education

from Sept 2017
to May 2022

Computer Science Specialist | Honours Bachelor of Science, University of Toronto
CS GPA: 3.7/4.0
> Participated in multiple project courses to collaborate building software
> Led a satelite team of 4 to develop a pseudo-startup
> **Co-founder** and **Technology Lead** of the Web Development Club

🖥 Projects

Mango App
🔗 Application
> Webapp for generating adaptive banking offers using ML and Statistical Analysis
> Scaffolded and deployed the React frontend with Python Flask backend as well as PyTorch modeling service
> Designed and Implemented frontend with ChakraUI along with custom authentication through Auth0
> Setup and wrote tests for using TestingLibrary and Jest with acceptable coverage of 75%

React | Auth0 | Python | Jest | ChakraUI | JWT

Open-Source Contributions

- Firefox: Reduced installer size by 15% with bzip2 instead of gzip compression.
- Wiki.JS: Fix invalid usage of AWS S3 for renaming operations.
- Dev.to: Tutorial to implement Auth0 in React and backend services.