






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 satellite 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.