






MAX PHAM

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PROFESSIONAL EXPERIENCE

current
from July 2022

Software Engineer I | Platform, UKEN GAMES, Toronto

- Increased IAP revenue by **20%** by integrating new payment system with Xsolla
- Designed notification system for a Web3 live-service game, supporting emails, and SMS
- Increased marketing performance and reduce cost with In-house Mobile Dynamic Messaging System
- Reduced AWS MSK deployment maintainance time by placing Broker URLs behind DNS
- Enhanced community support by implementing a custom Discord notifier bot for a Live Service game

[Reactive Spring](#) [Web3](#) [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](#) presented to a panel of C-level executives
- **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](#)
 - Integrated custom authentication flow with [Auth0](#)

[React](#) [Auth0](#) [Python](#) [Jest](#) [ChakraUI](#) [JWT](#)

OPEN-SOURCE CONTRIBUTIONS

- [ChainPatrol](#): Extended existing command to support custom input modal.
- [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.

TECHNICAL SKILLS

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