






MAX PHAM

 [linkedin.com/in/maxphamm](https://www.linkedin.com/in/maxphamm)  github.com/maxeraph
 +1 (647) 674-7967  me@maxpham.dev
 maxpham.dev

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 <ul style="list-style-type: none">➤ 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 <div>Reactive Spring Web3 Manifold AWS Python Kafka Git LFS</div>
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Oct
2021 Software
Engineer PEY |
PlatformUken
GamesToronto
May 2020

- Reduced **100%** cost with Slack bot incident communication by moving to **AWS SAM** from EC2
- Reduced **30%** un-productive 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: WikiJS. 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.