






MAX PHAM

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

PROFESSIONAL EXPERIENCE


current from July 2022	Software Engineer I Platform, UKEN GAMES, Toronto <ul style="list-style-type: none">Increased IAP revenue by 20% by integrating new payment system with XsollaDesigned notification system for a Web3 live-service game, supporting emails, and SMSIncreased marketing performance and reduce cost with In-house Mobile Dynamic Messaging SystemReduced AWS MSK deployment maintenance time by placing Broker URLs behind DNSEnhanced community support by implementing a custom Discord notifier bot for a Live Service game <div>Reactive Spring Web3 AWS Python Kafka Git LFS</div>
to Oct 2021 from May 2020	Software Engineer PEY Platform, UKEN GAMES, Toronto <ul style="list-style-type: none">Reduced 100% cost with Slack bot incident communication by moving to AWS SAM from EC2Reduced 30% unproductive commits by enforcing codestyle using <u>Prettier</u> plugin through JenkinsManaged 1000+ Github resources by designing Terraform-based system with changes through JSON formatIncreased marketing's outreach by 28% with API scheduling system based of <u>db-scheduler</u> libraryConsolidated 100% of technical documentation to a single Wiki solution: <u>Wiki.JS</u>. Deployed to AWS with authentication using <u>OneLogin SAML</u> <div>Terraform AWS Python Docker IntelliJ Idea Spring Boot Jenkins</div>

EDUCATION

from Sept 2017 to May 2022	Computer Science Specialist Honours Bachelor of Science, UNIVERSITY OF TORONTO CS GPA: 3.7/4.0 <ul style="list-style-type: none">Participated in multiple project courses to collaborate building softwareLed a satellite team of 4 to develop a <u>pseudo-startup</u> presented to a panel of C-level executivesCo-founder and Technology Lead of the <u>Web Development Club</u>
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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: Refactored and implemented numerous features for discord bot to detect crypto scam sites.
- 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