






MAX PHAM

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PROFESSIONAL EXPERIENCE

current
from July 2022

Software Engineer I | Platform, UKEN GAMES, Toronto

- Automated backend-driven bot systems for upcoming massive multiplayer game, with social interactions and varied in-game behaviour
- Pioneered a graphic-focused Powerpoint design for company-wide demos, leading multiple presentations that were widely appreciated for their clarity and effectiveness
- **Doubled** engagement by shipping 2nd phase for Blockchain-powered web-app game. Managed all backend development efforts along with Smart Contract integrations
- Increased IAP revenue by **20%** by integrating new payment system with Xsolla
- Reduced cost by **10%** by implementing In-house Mobile Dynamic Messaging System, replacing existing SAAS usage

Reactive Spring | Ethereum Solidity | AWS | Python | Kafka

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

>_ OPEN-SOURCE CONTRIBUTIONS

- **ChainPatrol**: Refactored and implemented features for Discord bot to detect crypto scam sites, enhancing user safety. ([Pull Request](#))
- **Firefox**: Reduced installer size by 15% with bzip2 compression, improving download efficiency. ([Pull Request](#))
- **Wiki.JS**: Corrected AWS S3 usage for renaming operations, enhancing cloud storage integration. ([Pull Request](#))
- **Dev.to**: Authored a tutorial on implementing Auth0 in React and backend services, boosting developer resources. ([Article](#))

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 remote 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

≡ 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