






MAX PHAM

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PROFESSIONAL EXPERIENCE

current from July 2022	Software Engineer I Platform, UKEN GAMES, Toronto <ul style="list-style-type: none">➤ 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 <div>Reactive SpringEthereum SolidityAWSPythonKafka</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 EC2➤ Reduced 30% unproductive commits by enforcing codestyle using <u>Prettier</u> 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 <u>db-scheduler</u> library➤ Consolidated 100% of technical documentation to a single Wiki solution: <u>Wiki.JS</u>. Deployed to AWS with authentication using <u>OneLogin SAML</u> <div>TerraformAWSPythonDockerIntelliJ IdeaSpring BootJenkins</div>

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 <ul style="list-style-type: none">➤ Participated in multiple project courses to collaborate building software➤ Led a remote team of 4 to develop a <u>pseudo-startup</u> presented to a panel of C-level executives➤ Co-founder and Technology Lead of the <u>Web Development Club</u>
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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