

LOUIS PHAM

Software Developer

Contact Information & Profiles

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🐙 github.com/louis-pham

📍 Greater Toronto Area

Relevant Experience

Intermediate Software Engineer @ Topstep | 2024 - present | Toronto, Canada

- Dockerized application, simplifying deployment and promoting scalability and high availability
- implement Datadog with monitors, logging, and alerts to improve debugging and incident response experience
- set up lower environments in AWS to facilitate quicker iteration and testing of new features
- migrate legacy RoR application to PERN + GraphQL application via the strangler pattern

Software Developer @ Zensurance | 2020 - 2024 | Toronto, Canada

- Spearhead and plan development of novel internal data-handling tool along with data migration processes, achieving reduction in process bottlenecks across technical and product teams
- Advise and mentor around team's legacy systems as primary subject matter expert
- Designed, initiated, and oversaw team's migration from monolith to microservices architecture
- Manage and assist team with services deployed on Kubernetes/EKS
- Monitor, debug, and resolve bugs/incidents to improve user and broker experience
- Evaluate and interview new candidates, and onboard new hires

Assistant Language Teacher @ Link Interac Inc. | 2017 - 2019 | Yokohama, Japan

- Created and executed lesson plans to facilitate and cultivate an interest of international cultures and the English language

Researcher @ CITA, University of Toronto | 2016 - 2017 | Toronto, Canada

- Improved gravitational lensing simulation tool with custom inputs, Python wrappers, and analysis scripts
- Tested and debugged tool to ensure simulation outputs were in line with theoretical expectations

Student Developer @ KPE Faculty, University of Toronto | 2015 - 2016 | Toronto, Canada

- Built online Sports Hall of Fame's front end and API for Drupal back end
- Overhauled physicians' electronic health forms with new capabilities and responsive design
- Created schedule displays showing events/programs for campus' athletic facilities, improving patron experience
- Developed "wayfinder" displays to provide directions, weather, and ongoing events
- Created room search tools to assist faculty in setting up meetings

Technologies

Strong: TypeScript/JavaScript (ES6) • React • Node.js • Express • NestJS • MongoDB • Mongoose

Working knowledge: Docker • GraphQL • PostgreSQL • AWS • Kubernetes • Redux

Education

University of Toronto, HBSc — Computer Science, Astronomy & Astrophysics | 2011 - 2017

General Assembly, Software Engineering Immersive | 11/2019 - 02/2020

Personal Interests

dance, snowboarding, video games, music, cars, technology, astronomy