

Stanley Pham

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[GitHub](#) 🐙

Work Experience

Canada Life Insurance

Junior Software Developer

Toronto, Canada

Sep 2022 – May 2023

- Developed the comprehensive end-to-end application with Java Apache Kafka on Maven project with. Achieved **90% advancement in real-time data** and **65% reduction in erroneous values**.
- Debugged errors with Splunk Cloud to **decrease 70% of incorrect communication instances** between the APIs, integrated and completed **55% of Process Designer** on IBM FileNet.
- Extracted the real-time data as per user's specification, exported the data to CSV files, and triggered the event action to **increase 75% of the data accuracy and reliability**.

FDM Group

Training Software Developer

Toronto, Canada

May 2022 – Aug 2022

- Developed **Java** core fundamental to handle the algorithms, APIs, and web application.
- Integrated Spring Boot Maven to develop **end-to-end APIs**, which increased multiple microservices between applications, and established communication with Data Access (**JDBC, JPA, SQL**).
- Contributed to developing the project through the Agile management platform.

Projects

[Java Spring Cloud Microservices](#) | Java, Docker, Kubernetes

Feb 2022 – Mar 2022

- Built-in Spring Profile to allow configuring active/de-active Bean applications, resulting in versatile functionality across multiple working environments.
- Established Message Broker RabbitMQ to handle **100% of the requests** from all microservices. Resulting in the significant improvement of user information security.
- Deployed, tested, and managed the application incidents by utilizing Docker and Kubernetes engine, achieving **100% in automation**.

[Spring OAuth2 PKCE](#) | Encryption Security, RESTful API, UI React

Oct 2021 – Dec 2021

- Generated OAuth2 PKCE to enhance security of the RESTful API with the Code Challenge and Code Verifier to increase the security abilities when the APIs sent through application.
- Secured the released JWT token by using the encryption private key from the PFX file to prevent reversed decoding.

Volunteer activities

Seneca College

Academic Assistant

Toronto, Canada

Apr 2021 – Aug 2021

- Assisted incoming students in resolving laboratory challenges and monitored practical lab assessments.
- Conducted in-depth research into **Python Bash Scripting**, analyzed the network security tasks, and enhanced practical lab requirements. Contributed in a **65% of overall learning activities**.
- Developed comprehensive report, addressed students' inquiries, organized learning materials, and facilitated the delivery of educational content.

Education

Seneca College Newnham Campus

Computer System Technology - Advanced Diploma

Toronto, Canada

2019 – 2021

- Awards: **3.8/4.0 GPA**, Seneca President Honor List, Seneca Honor Award.

Skills & Achievements

- AWS Certified Solutions Architect Associate Certification SAA-C03.
- AWS Solution Architecture deep-dive for SAP-C02.
- Udemy certificates for Spring Boot, Spring Cloud, Spring Security, React with modern Redux.
- Udemy AWS Solution Architect.
- Udemy hands-on Python & R Data Analysis.