

# VINCENT YEUNG

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## WORK EXPERIENCE

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### **Workday: Software Development Engineer** **06/2024 - Current**

- Implemented data attachment purging to ensure complete parent-child document deletion, and delivered a system-wide unit test package update to maintain pipeline stability within the Spend Management organization.
- Developed and maintained BeSpoke UI code for Requisition areas written in ReactJS along with Workday managed components.
- Developed and maintained features related to Purchase Orders and Requisitions functionality, analyzing and improving code and design on existing functional areas.
- Developed and managed critical widely used financial web services as part of shift-left security shift.
- Collaborate with customer support to identify, troubleshoot, and resolve high-priority customer-facing bugs.

### **Willow Laboratories: Backend Software Engineer** **09/2022 - 06/2024**

- Developed and managed REST APIs in Java using Quarkus framework, JavaScript using NodeJS and SQL.
- Write and maintain complex SQL queries and functions in PostgreSQL, significantly improving data retrieval efficiency and application performance.
- Developed feature to allow coaches and Diabetes Prevention Program members to communicate and participate in weekly team challenges, feedback through chat and user dashboards to support over 200 internal users.
- Implemented task scheduler service to support concurrent jobs across internal services.
- Implemented database migration service using Flyway to support automatic migrations on API build time in CI workflow, improving developer workflow and source of truth.
- Maintained ETL pipeline to perform data import from Nutritionix consisting of millions of rows of data.
- Developed and maintained data syncing service from AWS DynamoDB to RDS using Kafka.
- Developed and integrated scale ordering service with Body Trace APIs and support real-time weight log and tracking of scales using Kafka.
- Implement payment and subscription acknowledgement service with Google APIs for Android.

### **Pavliks.com: Web Developer** **08/2021 - 08/2022**

- Developed custom client websites, features and updated existing client websites pertaining to client requests.
- Integration of client data using Dynamics 365, setup and upgrade database, and perform database migrations.
- Implemented custom widgets using C#, .NET, HTML, CSS and extend out-of-box basic Sitefinity widgets to enhance widget capabilities to meet client requirements.
- Leveraged multiple client projects and met client requirements, achieving 100 percent satisfaction rate.

### **Avaya: Software Integration Engineer Intern** **05/2019 - 08/2020**

- Maintained and updated test suite for Avaya Spaces product using Ranorex and C# based on project requirements and bringing test coverage from 25 percent to 80 percent.
- Developed and maintained test suite for Avaya Accounts responsible for user account data and updating old test cases from Python 2 to Python 3 using Selenium.
- Spearheaded new automation project for Avaya Spaces to support E2e testing.
- Perform rigorous manual testing across multiple devices for video and call quality, group calls, screen share and recording, and transcription that supports over 1000+ internal users of Avaya Spaces.

## SKILLS

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- Java, JavaScript, Python, C#, C, SQL, HTML, CSS, Git
- Quarkus, Node.js, Docker, Kafka, ETL, Microservices, Backend, Agile

## EDUCATION

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### **Toronto Metropolitan University | Toronto, ON**

*Bachelor of Computer Engineering, 3.66 GPA*

**Relevant Coursework:** Object Oriented Programming, Algorithms and Data Structures, Databases, Computer Vision

**09/2016 - 05/2021**