

SOPHIE VU

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2+ years of DevOps and Frontend Development experience. Actively looking for Frontend Engineering roles.

EDUCATION

BS in Computer Science with a Minor in Political Science | University of Ottawa 2019 – 2025

EXPERIENCE

Frontend Engineer Intern | Ontario Teachers’ Pension Plan 09/2024 – 12/2024

- Led the migration of on-prem AEM content to **AEM Cloud**, reducing infrastructure costs by 40% while ensuring seamless functionality and integration across environments.
- Owned launch of five repository features to production **Bamboo Server** as well as being interim **ServiceNow administrator** during all deployment phases. Feature launch impact included expansion of **test coverage** by 85%.

DevOps Engineer Intern | Ontario Teachers’ Pension Plan 04/2024 – 08/2024

- Implemented **CI/CD** automation pipelines to transfer 10 applications from UCD to **Jenkins**, reducing infrastructure software cost by 40%.
- Automated **Nexus artifact** deployment for web applications using **Ansible playbooks**, reducing deployment time by 30% and ensuring consistent deployments across Windows and Ubuntu environments.

Cloud Integration Engineer Intern | Ontario Teachers’ Pension Plan 01/2024 – 03/2024

- Set up 3 **new servers, server pools, data groups**, and **iRules** for migrating web applications from on-prem AEM to AEM Cloud.
- Built a **Python script** to automate email notifications for Azure KeyVault certificate expirations, saving 10+ hours per month in manual checks and preventing service disruptions due to expired certificates.

Fullstack Software Engineer Intern | Capco 06/2023 – 09/2023

- Created 10 **test cases** for UI components in **Angular** applications to ensure reliability.
- **Debugged** and **optimized routing** within applications, improving component responsiveness by 20% and ensuring smoother navigation.

Mobile Developer Intern | CIBC 09/2021 – 05/2022

- Led end-to-end development of new **Android** application feature in **Kotlin** and **Java**, increasing user engagement by 30%.
- Designed and integrated a robust tracking system using **Adobe Analytics**, facilitating real-time monitoring of user interactions that contributed to identifying key drop-off points, leading to a 15% increase in user retention rates.

SKILLS

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|----------|-------------------------|-------------------|
| • Python | • JavaScript/TypeScript | • F5 Big-IP |
| • Java | • React | • Jenkins |
| • Kotlin | • Vue.js | • Ansible |
| • SQL | • Docker | • Microsoft Azure |

PROJECTS

Art Portfolio Website (Sophie’s Illustrations)

Developed a **personal portfolio website** to showcase art projects, using **Vue.js, PostgreSQL**, and **Docker**, improving personal project visibility by sharing the website with 50+ peers for feedback and collaboration opportunities.

Full-Stack Game App (Maple Quest)

Engineered an **interactive educational game** about Canadian plant species using **Python, Flask, PostgreSQL, SQLAlchemy**, and **React**, enhancing personal skill development by completing the project within a 3-month timeline and incorporating feedback from 8 beta testers.