

# KSHREY VISHRANT

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## TECHNICAL SKILLS

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**Languages:** Java, Python, C++, Bash, Terraform, JavaScript, HTML, CSS, Kotlin, SQL, XML, PowerShell

**Technologies:** MECM, PSADT, AWS, Jenkins, React, Selenium, Terraform, Packer, Chart.js, CloudWatch, Linux, Git, Power BI, Microsoft365

## EDUCATION

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### UNIVERSITY OF GUELPH

Bachelor of Computer Science (Co-op)

Sept 2020 – Apr 2025

Guelph, Ontario

## EXPERIENCE

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### UNIVERSITY OF GUELPH - ENGINEERING | SYSTEM SUPPORT ENGINEER CO-OP

Jan 2024 – Aug 2024

Guelph, Ontario

- Utilized **PowerShell App Deployment Toolkit (PSADT)** to automate and package **12+** applications, ensuring **silent deployments** and supporting enhancements to internal application systems.
- Diagnosed, resolved, and documented **95%** of client-reported technical issues on first contact, ensuring continuous operation of **customer-facing systems**.
- Leveraged **Microsoft Endpoint Configuration Manager (MECM)** for managing **500+** devices, deploying applications, running scripts, and streamlining IT operations.
- Collaborated with **5+** IT professionals to analyze infrastructure, identify system inefficiencies, and recommend improvements reducing downtime by **20%**.

### DAMCO SOLUTIONS | FRONT END DEVELOPMENT CO-OP

May 2023 – Aug 2023

New Jersey, United States

- Enhanced enterprise **React applications** by implementing **search, filtering**, and analytics dashboards, improving client usability and reducing search time by **40%**.
- Developed interactive **Chart.js** data visualizations to monitor application health and user activity, increasing visibility into system status and engagement by **15%**.
- Improved UI reliability and performance through **Selenium-based test automation** and proactive debugging of client-side errors.
- Identified and resolved critical UI bugs affecting customer-facing systems, directly contributing to product stability and end-user satisfaction.

### SUN LIFE FINANCIAL | DEVOPS AUTOMATION ENGINEER CO-OP

Sept 2022 – Dec 2022

Toronto, Ontario

- Built **Terraform** scripts and **Jenkins pipelines** for application infrastructure provisioning and **static code analysis**, contributing to enterprise system enhancements and security assurance.
- Conducted application audits, analyzed deployment plans, and decommissioned unused resources, saving **10%** in operational costs.
- Automated **AWS production environments**, including EC2, S3, and CloudWatch setup, reducing infrastructure provisioning time.
- Led **onboarding** and technical knowledge transfer for Asia-based teams, advising on cloud application development workflows.

### WELL.CA | IT SYSTEMS ADMINISTRATOR CO-OP

May 2022 – Aug 2022

Guelph, Ontario

- **Monitored** system logs, identified potential infrastructure issues, and ensured smooth operation of web and internal application systems.
- Performed system and application audits, **documented** findings, and **implemented** enhancements improving client-facing services.
- **Engineered** work system setups, laptop **imaging**, and application **configurations**, reducing onboarding time by **30%**.
- **Diagnosed** and resolved **50+** reported IT problems, applying evaluative judgement to recommend and implement solutions.

## CERTIFICATIONS

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### Harvard Business School Online

Jun 2024

Business Analytics Certificate

Online

- Developed strong proficiency in **data analysis techniques**, including regression analysis, clustering, and predictive modeling through hands-on coursework.
- Applied **quantitative insights** to real-world business scenarios, enhancing decision-making processes by interpreting and forecasting business trends.
- Worked with large business datasets to identify trends, develop predictive models, and recommend data-backed strategic solutions.