

- **5+ years of professional experience in software development**, specializing in backend systems, automation, and data pipeline management across telecommunications, manufacturing, and e-commerce industries.
- **Proficient in Python, Java, C#, and SQL**, with expertise in building scalable automation services and CI/CD pipelines.
- **Strong background in system reliability** including GitLab, Kubernetes, and NiFi for flow design and process automation.
- **Experienced in cross-functional collaboration**, working with stakeholders, development teams, and business units to optimize system performance and troubleshoot production issues.
- **Passionate about continuous learning**, actively participating in workshops and webinars to stay ahead of IT trends.
- Programming: Python, Java, C#(.NET Framework), SQL(MySQL, MSSQL, PostgreSQL), NoSQL, Django, PHP, JavaScript, HTML, CSS
- Tools: Visual Code, Kibana(Elastic Search), NetBeans, Kafka Tool, Visual Studio, NiFi, Eclipse, MSSQL, MySQL

WORK EXPERIENCE

Bell Canada

Telecommunication Company | Toronto, ON, Canada

Software Developer

Mar 2020 – Current

- **Developed 50+ CI/CD pipelines** using Python and Java, enhancing deployment efficiency and system reliability.
- **Implemented reusable and scalable automation** using GitLab and Kubernetes, **reducing deployment time by 40%**.
- **Led** knowledge transfer sessions and **created comprehensive documentation** to **enhance team productivity**.
- **Facilitated** cross-functional communication between dev team and stakeholders, **reducing prod issue resolution time by 60%**.
- **Designed and optimized** data flows using NiFi for **log analysis and system monitoring**, improving operational efficiency.
- **Proactively identified and resolved critical** issues in data pipelines and automation workflows during on-call support, **troubleshooting script executions before stakeholders detected them**.

Husky Injection Molding Systems

Plastic Manufactory Company | Caledon, ON, Canada

Software Designer

May 2019 – Dec 2019

- **Executed** data migration processes by converting Excel data to MongoDB using C#, **ensuring smooth integration**.
- **Developed** a command-line tool for **seamless API integration** with EPLAN using Ruby, **automating design workflows**.

Forever 21

Global fast-fashion retail Company | Los Angeles, CA, USA

Application Developer

Feb 2016 – Feb 2017

- **Updated and maintained e-commerce websites across USA, EU, UK, Canada, and Mexico on a daily basis**, ensuring smooth online operations and resolved website performance issues and improving system stability.
- **Developed** and optimized site features **using C# (.NET), JavaScript, and MSSQL**, enhancing UX and transaction speed.

PROJECT EXPERIENCE

[Vivace Lounge](#)

Beauty Service Store | Dev Ops, Full Stack Developer | Feb 2025

- Developed a dynamic website using Python and Django, optimizing user experience and site performance.
- Designed a responsive UI/UX, ensuring seamless navigation across desktop and mobile platforms.

LBCIT Solution Inc.

IT Tech Company | Intern | Feb 2020

- Modified and enhanced company’s main website using Twig (PHP), improving load time and SEO rankings.
- Developed an intranet web application using C#, streamlining issue tracking and internal ticket management.

GNK Holdings Inc.

Retail Company | Intern | Feb 2020

- Led the development of a culture center portal in the company’s intranet using C#, MSSQL, JavaScript, HTML, CSS.
- Created an intuitive dashboard for employees to access resources, event calendars, and announcements.

[Introduction sites for personal portfolio](#)

Portfolio Project | Student | Sep 2018 – Jan 2019

- Designed and launched a personal portfolio site using PHP, JavaScript, HTML, CSS, MySQL to showcase projects.

Pearl Soft

IT Tech Company | Intern | Jan 2016

- Designed an ER model and MySQL database for real-time medication inventory tracking.

COMMUNITY ENGAGEMENT & VOLUNTEER EXPERIENCE

BrainStation

Bootcamp Academy | Judge as Backend Developer | Oct 2024

- Evaluated student capstone projects, providing technical and strategic feedback improving their project presentations.

[WinGreen](#)

Environmental NGO | Full Stack Developer, Web Designer | Mar 2018 – Jun 2018

- Developed and launched an WinGreen web site using WordPress, PHP, JS, HTML, CSS and improved site accessibility.

EDUCATION

Dankook University

South Korea

Bachelor of Engineering in Computer Science and Engineering

Feb 2018

OOP, Data Structure, System and Web Programming, Algorithm, and Software Structural Theory

Conestoga College

Kitchener, ON, Canada

Ontario College Graduate Certificate in Mobile Solution Development

Apr 2019

CERTIFICATION

Back-End Developer Specialization Certificate

Meta | Feb 2025

Oracle Database 11g Administrator Certified Associate (OCA)

Oracle Certificated Associate | Dec 2017