

Alexander Bhasin

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Experience

Full Stack Developer

[Daitoku Co.](#)

May 2025 – Present

Ottawa, Canada

- Built 4 B2C **iOS** apps end-to-end in **Swift/SwiftUI** with **TypeScript/Node.js** and **PostgreSQL** backends
- Shipped **Fizzik** (**App Store**) and **LoveStreaks** (TestFlight), plus client apps in wellness and photo-editing
- Built an **LLM agent** issue triaging pipeline that cut issue to first PR time from **2 hours** to under **10 minutes**
- Designed real-time collaboration features using **WebSockets**, enabling live updates across connected clients
- Implemented **OAuth** login with rolling **JWT** refresh; modeled user and social data in **Prisma ORM** migrations
- Set up **AWS (EC2, S3, CloudFront)** with **GitHub Actions** CI/CD pipelines deploying all four applications

Cloud Engineer

[Sitecore](#)

July 2023 – April 2025

Ottawa, Canada

- Saved **\$250,000/year** by automating manual customer operations with **Python** tooling and internal web apps
- Managed and upgraded hundreds of customer **Azure** deployments, improving **Azure DevOps** CI/CD pipelines
- Authored **KQL** queries to detect and mitigate DDoS attacks on **Azure** websites serving **30M+** monthly requests
- Built **Selenium** (headless Chrome) and **Azure CLI** tooling that auto-captured diagnostics for incident reports
- Presented **generative AI** demos and use cases for cloud monitoring to **200+** industry professionals

Web Developer Co-op

[Bank of Canada](#)

Sept 2022 – Dec 2022

Ottawa, Canada

- Enhanced custom **WordPress (PHP)** deployments for bankofcanada.ca, serving **1,000,000+** monthly visitors
- Built accessibility features for interactive charts used to display complex economic datasets
- Performed accessibility audits with cross-functional teams, resolving **50+ WCAG** compliance issues
- Developed regression test suites with **Cucumber** and **PHPUnit** to catch breaking changes before release

Software Developer Co-op

[Paphus Solutions](#)

Sept 2020 – Dec 2020

Ottawa, Canada

- Added **TensorFlow NLP** classification features to BotLibre, an open-source AI chatbot platform
- Upgraded an **Apache Tomcat** server to enable seamless AI feature deployment and improve scalability
- Ported **4,000+** lines of **Java** (Android) code to **Swift** to keep a client's **iOS** app at feature parity

Projects

- [Larry David Talkabot](#), a voice AI bot pairing **OpenAI** models with **TorToiSe TTS** voice cloning
- [Kana DT](#), a **SvelteKit** learning tool that accelerates japanese language acquisition with engaging **UI/UX**
- [Ariasave](#), a **Swift/SwiftUI** iOS app that allows users to pair songs from a linked music service with photos

Education

[Carleton University](#)

Bachelor of Computer Science, Honours Cybersecurity Stream, **3.9/4.0** GPA

Sept 2018 – April 2023

Ottawa, Canada

Skills

Languages: Python, Java, Kotlin, C, C++, JavaScript, TypeScript, PHP, Swift, SQL, HTML/CSS, Lua

Technologies: Node.js, Express, React, Svelte/SvelteKit, SwiftUI, Prisma, MongoDB, PostgreSQL, Android, iOS, Linux

DevOps: AWS (EC2, S3, CloudFront), Azure, Azure DevOps, GitHub Actions, Docker, Kubernetes, Prometheus, Grafana

Developer Tools: Git, Claude Code, Codex, OpenCode, VS Code, Xcode, Postman, Jira, $\LaTeX$

Foundations: AI/Machine Learning, RESTful Design, Systems Security, W3C Accessibility, Agile, UI/UX Design