

# DUC HOANG

Software Developer

403 404 9113 | Calgary T3K4H4 | plt.duchoang@gmail.com

[www.linkedin.com/in/hoanganhduc](http://www.linkedin.com/in/hoanganhduc) | [www.duchoang.dev](http://www.duchoang.dev)

## Personal Summary

Accomplished Software Development student from SAIT (May 2024) with a 3.95 GPA and recipient of the Jason Lang Scholarship for exceptional academic achievements. Transitioned from aviation to IT, bringing a decade of experience and unique transferable skills. Motivated and energetic individual with top-tier professionalism and strong problem-solving skills, recognized for a commitment to delivering high-quality product, seeking improvement, and maintaining a keen attention to details.

## Technical Skills

- Programming Languages: Python, C#, Java, JavaScript – TypeScript, Go
- Technologies: ASP.NET, HTML, Tailwind CSS, React, React Native, Web API, REST, Docker, NodeJS, Angular, Next.JS, Prisma, GraphQL
- Database: SQL language (MySQL, PostgreSQL, PL/SQL); No-SQL (Firebase, MongoDB)
- Cloud: Microsoft Azure, AWS, SaaS
- Tools: Figma, Canva, Adobe Photoshop, MS 365, PowerShell, Visual Studio Code, Android Studio
- Project Management Fundamentals: Waterfall, Agile – Scrum & Kanban, Unified Modeling Language

## Work Experiences

### Full Stack Developer

April 2024 – Now

#### Empowered Futures (Volunteer)

- Ensure streamlined development of in-house web applications using advanced web technologies such as Next.js, TypeScript, JavaScript, HTML5, CSS, Prisma, GraphQL, SQL, React, and Docker
- Actively participate in Software Development Life Cycle activities including analyzing, design, architecture, development, unit & integrated testing, deployment and documentation technical processes across various web development projects
- Collaborate with Agile teams on crafting new features, code reviews, refactoring & optimizing existing code, facilitating Scrum meetings, ensuring effective communication and the timely readiness of new modules using the Kanban board and Git version control tool (GitHub)
- Maintain high-quality code production by writing clean, well-factored, reusable code, ensuring project's alignment with requirements of reliability, scalability, and performance

### IT Support

December 2023 – March 2024

#### Calgary Vietnamese Women's Association

- Configure and maintain inventory of laptops, desktops and other devices, collect and manage data, events, and surveys using MS Forms and Power Automate

- Utilized innovative problem-solving skill and client communication skills to troubleshoot and respond quickly to customer calls and provide frequent updates to the board members

**Problem Solver Associate**  
**Amazon Fulfilment Centre**

September 2020 – September 2021

- Ensuring target productivity and performance of the team by utilizing ticketing system to troubleshoot problem and promptly provide correction to inventory
- Proposed idea to improve efficient and reduce waste, saving thousands of dollars each day

**Commercial Pilot**  
**Captain Airbus A320**

January 2010 – March 2020

- Safely and timely conduct daily flight operation by leading multiple flight crews while demonstrating excellent crew resource management ability, and top-tier communication skills
- Maintain streamlined operation by promptly response to unforeseen problems, using systematic problem-solving skills and team-reinforcing leadership
- Reduce 3% of fuel cost equivalent to hundreds of tons of fuel each year by reinforcing efficiency-prioritized flight techniques while adhering strictly to safety protocols

## Education & Certifications

**IT – Software Development Diploma**

September 2022 – April 2024

Southern Alberta Institute of Technology (SAIT) | Calgary, Alberta

- Successfully delivered various professional and academic projects utilizing Computer Science principles and Software Engineering practices such as TDD, Design Patterns, Version Control, and SDLC
- Recognized as self-motivated, disciplined, and adept at both independent and collaborative work, regarded by peers and mentors for the ability to manage time and meet deadlines
- Exhibited strong problem-solving abilities, excellent teamwork and communication skills, reinforced by proven leadership in various hands-on professional and academic projects

**Junior IT Analyst Program**

May 2022 – December 2022

NPower Canada | Calgary, Alberta

**Google IT Support Professional Certificate**

September 2022

Coursera

## Projects

NGO CRM System

November 2023

BillX Expense Tracking App

December 2023

Grow Within Nutrition CRM System (Capstone project)

April 2024