

# Hung Nguyen

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<https://github.com/mhpro15>

## SOFTWARE DEVELOPER

FULL-STACK DEVELOPMENT | AGILE METHODOLOGY | ALGORITHMIC PROBLEM SOLVER

### HIGHLIGHTS OF QUALIFICATIONS

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- Experienced in Full-stack web development with JavaScript frameworks, including React, Angular, as well as backend development with Spring, Node.js.
- Skilled in Object-Oriented Programming (OOP) with proficiency in Java, C#, and Python.
- Currently enrolled in 4<sup>th</sup> term of Software Engineering Technology at Centennial College.
- Continuous skill enhancement through hands-on projects with various frameworks.
- Regular practice of LeetCode challenges to sharpen problem-solving abilities.
- Proficient in identifying and analyzing issues and bugs in software applications.

### EXPERIENCE

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#### Software Developer Co-op

Ministry of Children, Community and Social Services

January 2024 - December 2024

Disability Adjudication Database (DAD)

- Maintained and enhanced a legacy VB.NET application, improving performance and stability.
- Developed new features and fixed bugs, ensuring seamless user experience.
- Created and updated SQL Server stored procedures and functions to support application needs.
- Performed data fixes to ensure data integrity and accuracy.

Support Arrangement Services (SAS):

- Developed a new application with Angular and Spring Boot, integrating front-end and back-end.
- Designed and implemented RESTful APIs, ensuring efficient data flow.
- Utilized SQL for database design and data management.

#### Back-End Software Researcher - ARIES Centennial College

May 2023 - August 2023

- Successfully collected and researched data, formula for Solar Irradiance, Solar Power.
- Implemented functions and algorithms from collected data using Python, JavaScript to perform calculation in Solar PV Efficiency and Accuracy.
- Reviewed and proposed suggestion, improvement for client to form new business in Solar PV System Designing.

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## Programming Skills

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Programming Languages:	JavaScript, Java, C#, Python, HTML, CSS, Typescript
Database:	Oracle SQL, MySQL, MongoDB, SQL Server
Frameworks:	Spring Boot, React, Angular, Flask, Node.js, Next.js, Express.js
Version Control:	Git, GitHub, Gitlab
Other:	AWS, Heroku, Azure, Jira

## EDUCATION

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Software Engineering Technology (Centennial College | Sept 2022 - Now)

GPA: 4.4 / 4.5

Toronto, ON, Canada

## Activities

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### LeetCode Problem Solving

- Consistently devoted time to LeetCode practice, improving problem-solving skills and coding proficiency.
- Engaged in solving diverse coding challenges and algorithms to enhance software development capabilities.
- Successfully completed a variety of medium-level coding challenges.

### Hackathons

- Took part in prestigious hackathons like "Hack the North", "Bell Geekfest Hackathon", "UofT NewHacks", school, clubs and online hackathons.
- Demonstrated strong teamwork, creativity, and problem-solving abilities to develop innovative software projects under time pressure.

### Tutoring and Peer Support

- Provided academic assistance to fellow students in math and programming courses.
- Explained, clarified complex concepts in a clear and accessible manner.
- Motivated and encouraged peers to excel in their studies.