

# Hung Nguyen

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## 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, Typescript 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.
- 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 - Now

- Contributed to the development of 3 new features for a VB.NET legacy application, while detecting and resolving over 20 bugs and defects.
- Created and updated 17 new SQL stored procedures, functions, and triggers, improving execution time by 20%.
- Maintained 2 legacy .NET systems and 2 web applications, serving hundreds of internal users.
- Collaborated with a team of 20, including developers and testers
- Participated in daily agile Scrum to ensure alignment with client expectations and requirements.
- Successfully developed a new application using TypeScript (Angular) and Java Spring Boot, replacing a legacy system:
  - o Delivered 6 features reviewed and approved by senior developers.
  - o Built server-side logic to handle requests, verify users, and connect to an Oracle Database.
  - o Developed 5 services to process, validate data, and execute database queries.
  - o Designed and implemented 7 RESTful APIs for front-end communication.
  - o Created 6 new tables, views, and modified constraints to meet system requirements.
  - o Analyzed over 20 user stories to deliver precise and effective solutions.
- Recognized by the department for my contributions and dedication to continuous learning.

## Technical 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
Cloud Services:	AWS, Azure
Agile project management:	Jira

## EDUCATION

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

GPA: 4.4 / 4.5

Toronto, ON, Canada

## Activities and Project

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Practicing LeetCode and Code Signal to improve problem-solving skills and coding proficiency, completed a variety of medium-level coding challenges.

Proudest project: Developing a security extension that implements AI in detecting malicious websites based on the content, raising alerts to the user during Bell Geekfest Hackathon. Using JavaScript for front-end and Python for API and services..

Provided tutoring and 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.