

Hung Nguyen

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SUMMARY

Full-stack developer with 2 years of experience in designing high-quality software solutions. Proficient in Java, JavaScript, and Agile development practices, with a strong passion for building maintainable applications and contributing to team success. Strong understanding of computer science fundamentals, including algorithms, data structures, and system design.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, HTML, CSS, Python, C#

Frameworks: Spring Boot, React, Angular, Node.js, Express.js

Databases: MongoDB, MySQL, Oracle SQL, SQL Server

Cloud Platforms: AWS, Azure

Tools & Practices: Git, Agile, Automated Testing, Pair Programming

EXPERIENCE

Software Developer Co-op

Ministry of Children, Community and Social Services

January 2024 – December 2024

- Developed and deployed an enterprise-grade application using TypeScript (Angular) and Java Spring Boot, streamlining legacy workflows.
- Delivered 6 key features, including advanced reporting functionalities using RESTful APIs to extract and analyze performance data.
- Designed and optimized 17 SQL stored procedures and functions, improving database efficiency by 20%.
- Enhanced database performance by creating and updating 17 SQL stored procedures and functions, reducing execution time by 20%.
- Collaborated within an Agile Scrum team, contributing to daily stand-ups and sprint planning.
- Supported 4 legacy .NET systems and web applications, resolving over 20 defects.

Full-Stack Developer - ARIES Centennial

March 2023 – December 2023

- Designed scalable applications using Python, Flask, React, and MongoDB, incorporating predictive tools for resource planning.
- Collaborated with cross-functional teams to develop user-centric features and ensure system reliability.
- Reduced front-end latency by 30% through optimization and efficient coding practices.

EDUCATION

Software Engineering Technology

Centennial College, Toronto, ON | September 2022 – Present

GPA: 4.4 / 4.5

PROJECTS & ACTIVITIES

Money Transfer Web Application: Developed a secure web application for seamless money transfers using Plaid for bank account verification and transaction data, and Dwolla for payment processing. Built authentication and database functionalities with Appwrite, and designed the front-end using Next.js for a responsive and modern user experience.

[Github](#) | [Demo](#)

Train, test a regression model with pandas, sklearn to predict crime rate in each area of Toronto base on statistic from Toronto Police.

[Github](#)

Full-stack web application project for video hosting and streaming - that let user post video, rate and comment. Using ASP.NET, AWS RDS, S3 Bucket, DynamoDB and Lambda

[Github](#)

Peer Mentorship: Provided tutoring in programming and mathematics, helping peers build confidence and excel in their studies.

Continuous Learning: Practicing LeetCode and CodeSignal challenges to enhance problem-solving and data structure expertise.