

# Long Nguyen

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Portfolio: longnguyen-vhoang.vercel.app

Address: Toronto, ON

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## Technical Skills

- **Languages:** C/C++, Java, C#, Visual Basic, VBScript, Python, JavaScript, .NET, Android (Java), Swift (iOS)
- **Front-End:** NextJS, ReactJS, AngularJS, Streamlit, Streamlit Extra, Bootstrap, jQuery, TailwindCSS, Three.js
- **Back-End:** SQL, MongoDB, Amazon S3, EC2, DynamoDB, NodeJS, Express.js, ASP.NET, Flask, Parcel, Firebase
- **Testing:** UFT/QTP, Selenium, Junit, Appium, Cucumber, Gherkin
- **CI/CD tool:** Jenkins, YAML
- **Cloud Computer:** Microsoft Azure, AWS, Docker
- **Computer Vision and Data Science:** OpenCV, Azure AI Vision, PyTorch

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## WORK EXPERIENCE

### DXC Technology

Vietnam

#### Software Developer (Remote) – Java, Spring/Spring Boot, Oracle, MySQL

April 2023 – April 2024

- Working on Parkinson's disease Spiral Analysis Project to deliver solution for PD patients (Parkinson's disease), help more than 6,000 private and public sector clients across 70 countries.
- Help patients who live in remote areas or have mobility issues, it will improve access to their neurologist and may reduce the need for a face-to-face appointment to 90%
- Leveraged advanced technologies, including the Spring/Spring Boot framework, to develop robust backend systems, ensuring scalability, reliability, and security. Utilized Oracle and MySQL databases to store and manage critical patient data, maintaining high standards of data integrity and accessibility.

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### Ministry of Children Community and Social Services Ontario

Toronto, ON

#### QA Automation Developer – UFT One, Java Selenium, VBScript

January 2022 – August 2022

- Identified and debugged failed test cases assigned by using UFT One
- Received the tasks assigned from test case management and translated from UFT (using VBScript) to Selenium (Java)
- Developed proficient communication skills in a corporate setting by attending weekly meetings to report progress to the manager and daily chat with team members on MS Teams, as well as reporting bugs on the applications to the developers.
- Successfully conducted Continuous Integration / Continuous Deployment (CI/CD) using Jenkins to automate repetitive tasks such as building, testing, and deployment, allowing developers to define workflows by coding.

**Achievements:** Successfully accomplished the transition from UFT/QTP (Micro Focus Unified Functional Testing) to Selenium with a team by researching, planning also executing the transition tasks with the team, **reduce processing time** of reporting **60%**.

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## PROJECTS

### LinkedIn Automation (LinkedIn, Indeed) – Selenium, Java

Jan 2024 – Current

- **Automated follow-up:** Automatically sends connection requests to people at companies where user has applied for a job.
- **Java and Selenium-based automation:** Using Java and Selenium and is designed to work with LinkedIn, Indeed, etc.
- Significant save time for reach out to HR or Hiring managers **80%** from **10 mins** to **2 mins**.

### Fragment Uploader – NodeJS, Docker, AWS, S3, DynamoDB, ECR, EC2

May 2023 – June 2023

- Using a comprehensive tech stack including **NodeJS** for server-side operations, **Docker** for containerization, **AWS Cognito Hosted UI**, and **AWS** services such as **ECR** and **EC2** for **cloud computing**.
- **CI/CD Implementation:** The application has **CI/CD** pipelines set up with **cd.yml** and **ci.yml**. The automatic creation of Docker images and deployment to **AWS**.

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## EDUCATION

### Advanced Diploma in Computer Programming & Analysis

2020 - 2023

Seneca College of Applied Arts and Technology (Graduated), Toronto, ON

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### CERTIFICATE: Google IT Automation Certificate

Aug 2023

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References: Available upon request