

Long Nguyen

longnguyen.vhoang@gmail.com | (437)-440-4756

linkedin.com/in/longnguyen-vhoang | github.com/knight1972001

Portfolio: longnguyen-vhoang.vercel.app

Address: Toronto, ON

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

Ministry of Children Community and Social Services Ontario

Toronto, ON

Software Engineer in Test (Full-time Co-op) – 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%**.

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**.

Jarvis Job Advisor – Streamlit, Python, OpenAI API, PyMongo

Aug 2023 – Oct 2023

- The application is developed using Streamlit, Streamlit Extra, and Lottie for an interactive UI, and leverages OpenAI API (GPT3.5) for AI functionalities.
- The application streamlines the process of mass job applications, saving users time and effort, indicating a user-centric design approach. Significantly save 50% time of applications generated by traditional method.

iOS Location Tracker App – Swift, Swift UI, Firebase

Apr 2023 – May 2023

- Proficient in location services, adept at designing intuitive interfaces, and passionate about delivering seamless user experiences.
- Quickly show the path between 2 locations and quick loader than normal map **50%**.

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

CERTIFICATE: Google IT Automation Certificate

Aug 2023

References: Available upon request