Long Nguyen

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Portfolio: https://longnguyen-vhoang.vercel.app

Address: Toronto, ON, M4Y 0E8

Technical Skill

- **Programming Language:** C/C++, Java, C#, Visual Basic, VBScript, Python, Javascript, .NET
- **Front-End:** NextJS, ReactJS, AngularJS, Streamlit, Streamlit Extra, Bootstrap, jQuery, TailwindCSS, Three.JS
- **Back-End:** MS SQL Server, MySQL, MongoDB, Amazon S3, NodeJS, Express.JS, ASP.NET, Flask, Parcel
- **Testing:** Selenium, Junit, Appium, Cucumber
- **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

QA Automation Developer (Full-time Co-op)

Ministry of Children Community and Social Services Ontario

Toronto, ON   January 2022 – August 2022

- **Preparation phase:** Researched how Selenium works and the prerequisites for executing the test cases.
- **Execution phase:** Identified and debugged failed test cases assigned by the team lead 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.
- **Completion phase:** Uploaded the code to GitHub by merging the codes to the master branch and discussing among team members to avoid merge conflict.
- 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, and assigning different roles for the team; also executing the transition tasks with the team

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PROJECTS

LinkedIn Automation   Jan 2024 – Current

- Using **Selenium, Java**, **Cucumber** to automate process.
- **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.

Jarvis Job Advisor   July 2023 – Oct 2023

- Using **OpenAI API, Streamlit, MongoDB, Lottie**
- Automated Cover Letters: Leverages OpenAI API to create tailored cover letters based on user resumes and job descriptions
- Time-Efficiency: Designed to streamline mass job applications, saving users time.

Fragment Uploader   Mar 2023 – Apr 2023

- **Robust Tech Stack:** 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.

EDUCATION

Advanced Diploma in Computer Programming & Analysis   2020 - 2023

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

CERTIFICATE: Google IT Automation Certificate

References: Available upon request