Shuva Narayan Gautam

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EDUCATION

Carleton University Ottawa, Ontario, Canada
Bachelors in Computer Science, Co-op, Software Engineering Stream *Sept. 2021 – Present*
- 11.41/12.0 GPA (A)
- Third Year Standing - Deans' Honours List - CJ Mackenzie Scholarship
- Available for 4 months starting Summer 2025

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript/TypeScript, HTML/CSS, SQL/NOSQL, Bash
Frameworks: Robot Framework, Selenium, MochaJS, WebDriverIO, Node.js, Express, MongoDB, React, Next.js
Developer Tools: Git, Azure DevOps, JMeter, LoadRunner, Github, Docker, Kubernets, Linux/Windows, Postman, Figma

WORK EXPERIENCE

Network Automation Co-op January 2025 – April 2025
Nokia *Ottawa, Ontario*
- Collaborate with product management, marketing, services, and business development teams to develop and maintain a network automation use case catalogue app using Python, Microsoft Power Platforms and Power BI
- Engineer and document use cases, enhancing the global reach and impact of network automation solutions
- Design and implement network automation practice tools, leveraging advanced knowledge of network management concepts and protocols such as telemetry, NETCONF/YANG, and SNMP
- Record and produce use case demos for Nokia clients, showcasing the practical applications and benefits of network automation solutions

Software Test Specialist May 2024 – August 2024
Nokia *Ottawa, Ontario*
- Designing and implemented scripts and test applications using MochaJS and Selenium WebDriverIO, simulating various management activities and network scenarios for the Network Service Platform.
- Building network setups to streamline feature development and testing processes.
- Analyzing regression results to identify and fix issues, leading to improved script performance and reliability.
- Collaborating within an Agile development SCRUM team to deliver high-quality software in a timely manner.

Software Quality Assurance Analyst May 2023 – December 2023
Environment and Climate Change Canada *Gatineau, Quebec*
- Developed automated test scripts using Robot Framework and Selenium to increase test coverage and reduce manual testing time
- Designed and executed functional test cases using Azure DevOps to ensure the applications meet the business requirements
- Performed load and performance testing using JMeter and LoadRunner to ensure the applications can handle the expected load and stress
- Researched the implementation of Visual AI testing using Applitools in our team to simplify the testing of visual elements of the applications

PROJECTS

Full Stack Pinterest Clone | *Node JS, Express, MongoDB, Mongoose, Pug, HTML/CSS* December 2022
- Developed a fully responsive art gallery site with user authentication using Express sessions to facilitate secure login and viewing of published art
- Designed RESTful API's to interact with the MongoDB database to get or create users and art data, as well as created user and art schemas using Mongoose to organize and simplify the data
- Rendered server-side data using Pug Templating engine to quickly update frontend and optimize load times