

Jamaal Bernabe

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SUMMARY

Experienced Software Developer with over 2 years in software development and automation testing, specializing in Python and cloud technologies, including Microsoft Azure. Skilled in enhancing system scalability through API automation and reducing manual testing time with automated scripts. Proficient in developing efficient, scalable applications and deploying AI-powered solutions for real-time data analysis. Committed to leveraging technical expertise and hands-on experience with Agile methodologies to drive impactful results in innovative projects.

EXPERIENCE

Software Developer

Aficio AI

02/2024 - 07/2024 United States of America

- Leveraged large language models (LLMs) in the Azure cloud to process and summarize real-time streamed data for enhanced data analysis and insights.
- Developed and optimized Azure infrastructure by automating restful APIs using Python, increasing system scalability by 20%.
- Redesigned the core application framework and applied software architecture principles, leading to a 20% decrease in codebase complexity and a 30% increase in system performance.
- Engineered platform enhancements that improved system performance by 30%, utilizing Python over a 6-month development cycle.
- Enhanced application efficiency by integrating Nylas, OpenAI APIs, increasing functionality by 30%.

Junior Software Automation Tester

Ministry of Children, Community, and Social Services

08/2022 - 08/2023 Toronto, Canada

- Developed and maintained automated front-end test scripts using Selenium and JUnit, reducing manual testing time by 50%.
- Migrated the testing environment from Java 8 to Java 17, improving test performance and system reliability by 33%.
- Collaborated with the development team to troubleshoot and resolve technical issues, ensuring seamless product releases.
- Conducted maintenance of automated test scripts using Selenium WebDriver, reducing script errors by 20% and improving test reliability over a 12-month co-op term.

SKILLS

Python	Javascript	Java	C#	HTML/CSS	Flask	Mongodb	Mysql	SQL	Oracle	Node.js
Angular	React.js	Selenium	Junit							
Agile Methodologies		Software Development Lifecycle (SDLC)				Database Management			Microsoft Azure	
Amazon Web Services (AWS)			Continuous Integration/Continuous Delivery (CI/CD)					Version Control		
Github	Git	Unit Testing	Integration Testing		Debugging					

EDUCATION

Software Engineering Technology-Artificial Intelligence

Centennial College

01/2020 - 04/2024 Toronto, Canada

- Developed robust AI-powered applications using Python, TensorFlow, and Scikit-learn, gaining hands-on experience in machine learning, deep learning, and natural language processing.
- Mastered software development practices including Agile methodologies, version control (Git), and full-stack development with proficiency in Python, Java, and C#.
- Collaborated on capstone projects integrating AI models into cloud-based platforms (Azure, AWS), showcasing strong skills in software deployment, API development, and data processing.
- Designed responsive and functional sites utilizing React, Angular, HTML/CSS, and JavaScript.

Bachelor's Degree in Biochemistry & Molecular Biology

University of Toronto

08/2013 - 06/2018 Toronto, Canada