

# JAMAAL BERNABE

LinkedIn.com/in/JamaalBernabe | (647) 402-1724 | JNBernabe@Gmail.com | JNBernabe.GitHub.io/Portfolio

## SKILLS

- **Development:** Python (Django), Java, JavaScript, TypeScript, React.js, Node.js, SQL, REST APIs, HTML/CSS
- **Testing & Automation:** Selenium, TestNG, Maven, Gradle, JMeter, PyTest, Synthetic Monitoring
- **Cloud & Infrastructure:** Azure (Monitor, DevOps), AWS, Docker, CI/CD Pipelines, Linux, Bash/PowerShell

## EXPERIENCE

<b>Software Developer</b>   Aficio AI   Remote, USA	Feb 2024 – Dec 2025
<ul style="list-style-type: none"><li>Increased data throughput by 19% by engineering Python automation scripts to ingest and normalize data from 100+ unstructured sources in an Azure environment</li><li>Optimized analytics workflows by integrating machine learning components, resulting in a 25% reduction in query latency</li><li>Architected observability dashboards using Azure Monitor to visualize system performance metrics, enabling rapid identification of operational bottlenecks</li><li>Standardized technical documentation and operational procedures to ensure reproducible codebases and maintainable cloud infrastructure</li></ul>	
<b>Software Automation Tester</b>   MCCSS   Toronto, ON	Aug 2022 – Aug 2023
<ul style="list-style-type: none"><li>Reduced manual testing effort by 50% by architecting and automating 100+ test cases using Java and Selenium</li><li>Optimised test execution and dependency management by implementing Maven and Gradle, streamlining the build process for the QA team</li><li>Boosted test stability by 33% by leading the migration of 500+ legacy test cases from Java 8 to Java 17</li><li>Validated system scalability under high demand by designing and executing performance load tests on REST APIs using JMETER</li></ul>	
<b>System Support Officer</b>   Tribunals Ontario   Toronto, ON	Jan 2022 – Apr 2022
<ul style="list-style-type: none"><li>Recovered \$100,000 in assets by automating manual data workflows and identifying resource misallocations</li><li>Constructed analytics dashboards to track the status of 1,000+ IT assets, providing leadership with real-time visibility into inventory and operational resources</li></ul>	
<b>Quality Assurance Technician</b>   Griffith Foods   Toronto, ON	Jan 2021 – Aug 2021
<ul style="list-style-type: none"><li>Validated regulatory compliance by performing detailed data investigations, supporting root-cause analysis for non-conformance events</li></ul>	

## PROJECTS

<b>Music Insights</b>   Django, Python, Data Analysis, REST APIs	
<ul style="list-style-type: none"><li>Engineered a data visualization platform that parses Spotify user data to generate interactive "Mood Maps" and radar charts, visualizing the emotional landscape of playlists</li></ul>	
<b>STMV (Spotify to YouTube Generator)</b>   React, TypeScript, Node.js, REST APIs	
<ul style="list-style-type: none"><li>Developed a full-stack web application to automate playlist migration by integrating Spotify and YouTube APIs for seamless data transfer</li><li>Optimized front-end rendering performance using React and TypeScript, achieving a 30% reduction in load times and enhancing user experience</li></ul>	

## EDUCATION

<b>Microsoft Certified: Azure AI Fundamentals (AI-900) &amp; Junior Data Analyst Certificate</b>   NPower Canada	Sep 2025
<b>Software Engineering Technology – Artificial Intelligence</b>   Centennial College	May 2024
<b>BSc, Biochemistry &amp; Molecular Biology</b>   University of Toronto	May 2018