

# Jamaal Bernabe

(647) 402-1724 | JNBernabe@gmail.com | JNBernabe.github.io/Portfolio | Linkedin.com/in/jamaalbernabe

## SKILLS

- **Skills Automation & Scripting:** Python, PowerShell, Bash, REST APIs, JSON, Data Ingestion Workflows, CI/CD Pipelines
- **Observability & Monitoring:** Dashboard Creation, Structured Logging, Performance Metrics, Root Cause Analysis, Synthetic Monitoring
- **Cloud & Infrastructure:** Azure, AWS, Docker, Linux, SQL, Application Performance Monitoring

## EXPERIENCE

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|---|---------------------|
| <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 data from 100+ unstructured sources</li><li>Reduced query latency by 25% by integrating Machine Learning components into analytics workflows, directly optimizing application performance</li><li>Architected observability dashboards to visualize system performance metrics, enabling stakeholders to identify bottlenecks and improve operational health</li><li>Standardized operational procedures and technical documentation to ensure reproducible, well-monitored codebases</li></ul> |                     |
| <b>Software Automation Tester</b>   MCCSS   Toronto, ON   | Aug 2022 – Aug 2023 |
| <ul style="list-style-type: none"><li>Implemented structured logging and data validation scripts to increase system observability and traceability across test pipelines</li><li>Designed automated validation scripts against REST APIs to function as synthetic monitoring, proactively detecting service anomalies</li><li>Diagnosed root causes of software defects and documented findings to resolve integration issues in production environments</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 allocation patterns</li><li>Constructed analytics dashboards to track the status of 1,000+ assets, providing senior leadership with real-time visibility into 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><li>Maintained technical documentation and operational standards in a fast-paced production environment</li></ul>   |                     |

## EDUCATION

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|---|----------|
| <b>Junior Data Analyst Certificate</b>   NPower Canada                                | Sep 2025 |
| <b>Microsoft AI Fundamentals Certificate</b>   NPower Canada                          | Jul 2025 |
| <b>Software Engineering Technology – Artificial Intelligence</b>   Centennial College | May 2024 |
| <b>Biotechnology Diploma</b>   Centennial College                                     | Aug 2020 |
| <b>BSc, Biochemistry &amp; Molecular Biology</b>   University of Toronto              | May 2018 |