

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

Software Developer | Aficio AI | Remote, USA Feb 2024 – Dec 2025

- Increased data throughput by 19% by engineering Python automation scripts to ingest data from 100+ unstructured sources
- Reduced query latency by 25% by integrating Machine Learning components into analytics workflows, directly optimizing application performance
- Architected observability dashboards to visualize system performance metrics, enabling stakeholders to identify bottlenecks and improve operational health
- Standardized operational procedures and technical documentation to ensure reproducible, well-monitored codebases

Software Automation Tester | MCCSS | Toronto, ON Aug 2022 – Aug 2023

- Implemented structured logging and data validation scripts to increase system observability and traceability across test pipelines
- Designed automated validation scripts against REST APIs to function as synthetic monitoring, proactively detecting service anomalies
- Diagnosed root causes of software defects and documented findings to resolve integration issues in production environments

System Support Officer | Tribunals Ontario | Toronto, ON Jan 2022 – Apr 2022

- Recovered \$100,000 in assets by automating manual data workflows and identifying resource allocation patterns
- Constructed analytics dashboards to track the status of 1,000+ assets, providing senior leadership with real-time visibility into operational resources

Quality Assurance Technician | Griffith Foods | Toronto, ON Jan 2021 – Aug 2021

- Validated regulatory compliance by performing detailed data investigations, supporting root-cause analysis for non-conformance events
- Maintained technical documentation and operational standards in a fast-paced production environment

EDUCATION

Junior Data Analyst Certificate | NPower Canada Sep 2025

Microsoft AI Fundamentals Certificate | NPower Canada Jul 2025

Software Engineering Technology – Artificial Intelligence | Centennial College May 2024

Biotechnology Diploma | Centennial College Aug 2020

BSc, Biochemistry & Molecular Biology | University of Toronto May 2018