

# Jamaal Bernabe

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## Skills

**Languages:** Java, Python, JavaScript, TypeScript, SQL, C#  
**Frameworks & Tools:** React, Angular, Node.js, Express.js, .NET, Selenium, JUnit, Postman, Docker  
**Databases:** MySQL, PostgreSQL, MongoDB, Oracle, SQL Server  
**Cloud & DevOps:** Azure, AWS, GCP, CI/CD (Jenkins, Azure DevOps)  
**Other:** REST APIs, Agile/Scrum, Microservices, Elastic Stack, TDD, Pandas, NumPy

## Experience

**Software Developer (Contract),** Aficio AI – USA Feb 2024 – June 2024

- Engineered ingestion architecture for 100+ unstructured sources, boosting pipeline efficiency 19%
- Deployed containerized services to orchestrate pipelines, improving performance 33%
- Integrated LLMs into analytics workflows, reducing query latency by 25% and enhancing user-facing response times
- Implemented real-time monitoring with Azure Monitor & Elasticsearch, cutting incident resolution time 40%
- Enhanced code quality by conducting reviews and pair programming, lowering error rate 12% in Agile sprints

**Software Automation Tester,** Ministry of Children, Community, & Social Services – Toronto, ON Aug 2022 – Aug 2023

- Automated 100+ Java/Selenium test cases, reducing manual testing effort 50%
- Upgraded 500+ test cases from Java 8 → 17, boosting stability and performance 33%
- Executed JMeter load tests on REST APIs, strengthening reliability under high demand
- Collaborated with QA, developers, and business teams in Agile sprints, accelerating release cycles

**System Support Officer (Contract),** Tribunals Ontario – Toronto, ON Jan 2022 – Apr 2022

- Resolved technical issues across multiple systems, ensuring SLA compliance and improving client satisfaction
- Designed Excel dashboards tracking 1,000+ assets, recovering \$100K in misallocated equipment
- Configured and deployed IT hardware/software for 50+ users, supporting critical business operations

## Projects

**STMV – Spotify to YouTube Playlist Generator** [github.com/jnbernabe/spotify-to-youtube](https://github.com/jnbernabe/spotify-to-youtube)

- Built and deployed a React/Node.js app for cross-platform playlist migration, leveraging Spotify & YouTube APIs

## Education

Centennial College – Software Engineering Technology Diploma May 2024  
Centennial College – Biotechnology Diploma Aug 2020  
University of Toronto – Bachelor of Science, Biochemistry & Molecular Biology Apr 2004

## Certifications

IBM Data Analyst Professional Certificate Sept 2025  
Microsoft Azure AI Fundamentals July 2025