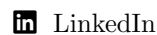




Nicholas Bridgemohan

Senior Software Engineer



Personal Information

Location: Cunupia, Trinidad and Tobago

Email: nbridgemohan@gmail.com

Contact: 1 (868) 279-3914

Summary

A results-driven developer with extensive experience in agile development, critical design thinking, and a diverse set of technical skills. Proficient in a wide range of programming languages, API management, DevOps practices, Azure Cloud Services, and both SQL and NoSQL databases. With a strong background in business intelligence, I have developed analytical reports and applications in various domains, including the government financial data, manufacturing, and insurance sectors. My multidisciplinary experience enables me to apply agile methodologies to deliver impactful, efficient, and innovative solutions tailored to organizational needs. Notable achievements include leading the back-end development of the myGGOnline platform for Guardian Group, a project that significantly transformed the regional insurance sector by enhancing digital engagement and operational efficiency. My technical support foundation empowers me to collaborate effectively with clients and end-users, ensuring the seamless integration of user-focused solutions. Committed to continuous learning, I actively embrace emerging technologies to drive innovation, operational excellence, and organizational success.

Skills

Programming Languages: JavaScript/TypeScript, PHP, Python, Java, Dart, PL/SQL

Frameworks: Laravel, Django, WordPress, ExpressJS, Flutter

Databases: SQL Server, MongoDB, MySQL, PostgreSQL, SQLite

Servers: IIS, NodeJS, Apache, Nginx

Cloud Platforms: Microsoft Azure, DigitalOcean, DreamHost

Frontend: Tailwind, JQuery/AJAX, Bootstrap, HTML/CSS, ReactJS, VueJS

Technical Proficiency: Microservices, API Development, Web Penetration Testing

Reporting Tools: SQL CUBE, SQL Server Reporting Services, Crystal Reports

Development Tools: CI/CD (GitHub Actions), Linux CLI, GitHub Copilot, ChatGPT

Work Experience

Bermudez Group Services Ltd. (2024-03 – Present)

Systems Solutions Architect

- Led the comprehensive modernization of payroll, manufacturing and HR systems in multiple subsidiaries, streamlining workflows by eliminating redundant manual processes and significantly improving data accuracy, system reliability, and operational efficiency.
- Successfully migrated all data, reports and critical services for Holiday Snacks Limited and Bermudez Biscuit Company to new, high-performance servers, significantly reducing report generation times. This upgrade substantially improved system security, mitigated the risks associated with aging infrastructure, and improved reliability and accessibility for business-critical decision-making.
- Enhanced payroll administration by implementing automated payslip distribution and real-time email notifications within a Django-based payroll system, significantly reducing administrative overhead and ensuring timely and accurate employee payments.
- Designed and implemented advanced SQL Cubes to facilitate in-depth historical data analysis, enabling finance teams to quickly generate and access complex, data-driven reports with significantly improved responsiveness and business insights.
- Optimized, supported, and improved Power Automate flows across Bermudez Biscuit Limited and Kiss Baking Company, including the design and implementation of HR evaluation workflows to improve departmental efficiency and effectiveness, reducing the time taken to process HR evaluations by 75%.

Evolve Mortgage Services, LLC (2021-09 – 2024-03)

Senior Developer

- Revived a previously nonfunctional Java-based mortgage processing system, restoring full usability, optimizing performance to reduce loan processing times by nearly a third, and introducing critical new features to enhance workflow efficiency. Successfully implemented the enhanced system in a nonprofit organization, expanding its reach and impact.
- Developed a NodeJS-based MISMO file parser that automates data extraction and validation, reducing review times from hours to minutes while minimizing human error. The MISMO processing team was able to quickly identify and modify changes, significantly improving workflow efficiency.

Guardian Group (2019-12 – 2021-08)

Full-Stack Developer

- Led the back-end development of *myGGOnline*, a regional insurance platform, seamlessly integrating customer and transactional data across three companies via Azure APIs, and launched a unified, real-time portfolio management system, significantly improving data accessibility, operational efficiency, and customer engagement.
- Architected, optimized, and secured API infrastructure for all microservices, reducing response times by more than 33% - significantly improving user experience, improving system reliability, and driving greater customer satisfaction.
- Collaborated closely with an external cybersecurity vendor to execute comprehensive penetration testing and rapidly implement critical security patches, significantly reducing vulnerabilities and fortifying overall system resilience
- Spearheaded the development of the initial ReactJS MVP, partnering closely with UI/UX teams to accelerate the successful launch of the platform, significantly enhancing product delivery and user experience.

Bermudez Group Services Ltd. (2018-05 – 2019-12)

Programmer/Analyst

- Designed and implemented an automated commission reporting system, eliminating cumbersome spreadsheet-based calculations and reducing administrative overhead by 90%. Provided real-time insights for management, drastically reducing errors, and streamlining financial forecasting while improving transparency for the sales team.
- Developed and implemented a critical SQL data interface to synchronize manufacturing and production data with Dynamics AX, accelerating the company's transition to a more efficient and streamlined system. Completed integration in a short timeframe, ensuring data integrity and laying the foundation for a smooth enterprise-wide migration.

Ministry of Finance, Treasury Division (2017-05 – 2018-05)

Information Systems Specialist

- Solely developed a critical financial report summarizing expenditures for all government ministries in Trinidad and Tobago, reviewed in Parliament. Collaborated with the Comptroller of Accounts to meet requirements, reducing preparation time by 80% through efficient design and data handling.
- Trained hundreds of new and existing users from various government ministries on the Government Payment System (GPS) application, enhancing their proficiency and ensuring smooth adoption. Provided ongoing support to address user queries and improve overall system efficiency.

Monster Media Group Ltd. (2017-02 – 2017-05)

Web Developer

- Engineered and optimized high-performance WordPress websites, significantly improving SEO rankings and drastically reducing page load times to enhance client visibility and user engagement.
- Designed and developed a robust Laravel-based insurance brokerage platform for an external client that eliminated paperwork bottlenecks and streamlined operational efficiency.
- Delivered proactive technical support and infrastructure enhancements, achieving 99.9% uptime and ensuring exceptional reliability, performance, and client satisfaction.

Kaizen Environmental Services Trinidad Ltd. (2015-11 – 2017-02)

Software Developer

- Architected and deployed a company-wide digital waste inventory management system, revolutionizing asset tracking by eliminating outdated manual processes and significantly enhancing data accuracy.
- Integrated advanced barcode scanning and electronic document-signature capabilities, drastically reducing administrative errors and driving substantial gains in operational efficiency and productivity.

Education

- **University of Hertfordshire** B.Sc. (Honors) in Computer Science (2010-12)
- **University of Trinidad and Tobago** Dip. Computer Information Systems Tech. (2008-10)

Languages

- English: Native
- Spanish: Elementary (A2)

Hobbies

- Culinary Arts, specializing in Trinbagonian Cuisine and BBQ Techniques
- Staying updated on emerging trends and advancements in software development and technology
- Interactive Media, Real-Time Strategy (RTS), and Immersive Gaming Experiences

References

Contact information available on request

- **Naresh Mongroo:** Group Chief Information and Technology Officer, Guardian Group
- **Emerson Ramkaran:** Technology Lead, Cayman Islands Government
- **Mario Tristan:** Relationship Manager, Stewart Title