

ROMARIO BURKE

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[GitHub](#)

Aspiring software developer skilled in Flutter, Android development, and backend systems, with a strong foundation in database management and ERP systems. I am passionate about creating innovative solutions to drive business efficiency and user engagement.

TECHNICAL EXPERIENCE WITH :

- Dart
- C#
- Java
- PHP
- TypeScript
- Flutter (Bloc, Hydrated Bloc)
- Laravel
- React
- Tailwind CSS
- Node.js/Express
- .NET Forms
- MySQL
- Microsoft SQL Server
- PostgreSQL
- MongoDB
- REST API integration and backend optimisation
- Microsoft Office Suite
- Git Version Control
- Python 3
- Supabase
- Firebase
- Stripe
- Paypal
- Figma
- AI Automation

PROJECTS

FreePBX VoIP System

July 2025 - July 2025

- Deployed a fully functional virtual PBX system using FreePBX and Telnix to simulate real-world VoIP infrastructure.
- Configured SIP trunking, extension-based dialing, IVR menus, call routing rules, and voicemail setup.
- Troubleshooted NAT traversal and CGNAT issues with dynamic DNS and LAN-based DNS mapping.
- Used soft phones like Zoiper and Linphone for functional testing and call flow simulation.
- Conducted quality assurance tests on call latency, audio quality, and error rates across devices and networks

Capstone Major Project (UniLink)

April 2025 - August 2025

Built a centralised college web platform to streamline services across job support, communication, resource sharing, and admin control using React, Tailwind CSS, and Supabase. Developed and integrated four functional modules:

- Job Centre – This enables access for job listings, uploads/modifications for the job placement officer and email notification relevant to the department attached.
- Resource Centre – Enabled categorized file upload and download of academic documents like past papers or books.
- Communication Center – Allowed a safe communication channel for academic staff and students.
- College Center – Enabled academic staffs like the marketing officer and head of departments to post announcements, events and resources relevant to specific departments.
- Built a fully responsive frontend using React with Tailwind CSS, designed to mimic LMS-like UX for ease of use.
- Integrated Supabase backend for authentication, database, file storage, and real-time data updates.
- Used Supabase's row-level security to enforce role-based visibility and content restrictions
- Conducted end-to-end testing across all modules to ensure functionality and security

Stony Hill Lunch App

July 2024 - Ongoing

- Created a mobile application for ordering and managing school lunches, including a menu system and order notifications.
- Integrated push notifications for order updates and reminders.
- Developed an admin dashboard for menu management, order tracking, and delivery status monitoring.
- Built API endpoints for CRUD operations and real-time updates using Laravel backend.
- Implemented a secure login system for parents and staff using Sanctum authentication via Laravel.
- Designed a mobile-friendly UI with Flutter, optimising for accessibility and responsiveness across devices.
- Collaborated with school administrators to align app functionality with real-world workflows.

AI Pos Pad eCommerce App

May 2025 - July 2025

- Integrated WooCommerce with Flutter using REST APIs to dynamically fetch and display products, metadata, and taxonomy-based filters, including ACF fields.

- Built and optimized a Make.com automation that connects received webhook data with OpenAI (ChatGPT) to handle intelligent product inquiry workflows and responses.
- Improved the chatbot's contextual understanding by replacing manual metadata parsing with dynamic taxonomy lookups via WooCommerce's REST API.
- Collaborated closely with stakeholders and designers to ensure category logic, store labelling, and dynamic rendering aligned with user expectations and app goals.
- Developed the entire mobile app interface in Flutter, translating Figma designs into a sleek, responsive, and pixel-perfect frontend experience.
- Implemented BLoC state management to handle app-wide state transitions, including loading indicators, dynamic filters, product listing states, and error handling, ensuring a smooth and maintainable architecture.
- Enabled intelligent image-based search by integrating Amazon Rekognition, allowing users to upload or share photos and receive labelled results matched to store inventory.

JamGuhTrivia Mobile App

June 2023

- Designed and developed a Flutter mobile application for trivia games with real-time leaderboards and multiplayer functionality.
- Integrated Firebase for authentication and real-time data syncing.

WORK EXPERIENCE

Sagikor - Summer Intern (Workstation Administrator)

May 2025 – June 2025

- Setting up, configuring, and maintaining user workstations (hardware/software).
- Troubleshooting basic IT issues, including but not limited to printers, laptops and desktop phones.
- Supporting IT inventory and documentation
- Assisted with system updates.
- Shadowed senior IT staff to gain hands-on experience in workstation setup, system maintenance, and troubleshooting
- Worked alongside cross-functional teams to identify and address system-related challenges
- Participated in on-site technical support visits to assist with resolving real-time IT issues.

Portmore Community College - Work Experience (Full-stack Developer)

June 2025 – July 2025

- Develop and maintain server-side logic, APIs, and data services.
- Developed and maintained a fully responsive admin system using React and Tailwind CSS.
- Integrated Supabase as the backend platform with authentication, RLS, and role-based access.
- Enhanced performance with optimized client-side rendering and lazy loading.
- Ensure secure, scalable, and high-performance backend operations.
- Integrate front-end elements with server-side functionalities.
- Collaborate closely with the Database Administrator and full-stack developer for efficient data management.

Freelance Software Developer (on Upwork)

July 2023 – Present

- Designed and developed mobile and web applications for clients using Flutter, Laravel, Express and Angular.
- Integrated REST APIs and optimized database structures for high-performance solutions.
- Enhanced API server performance through comprehensive server optimization and query tuning, ensuring faster response times and improved scalability.
- Modified and REST-integrated purchased mobile apps, web applications, and servers from code marketplace websites, such as CodeCanyon, including configuration to align with specific business requirements.
- Implemented payment integration for mobile and web applications using Stripe and PayPal.
- Added push notification functionality to mobile applications for enhanced user engagement.

Seekly - Backend Team Lead (Contractual) | Jamaica (Remote)

Feb 2023 – May 2025

- Designed and implemented RESTful APIs, ensuring scalability and security best practices.
- Led the backend team in system architecture decisions, improving maintainability and performance.
- Oversaw software testing processes, including unit testing, integration testing, and API validation.
- Conducted performance optimisations for database queries and API endpoints to enhance responsiveness.
- Collaborated closely with front-end developers and stakeholders to align system design with business needs.

EDUCATION

Portmore Community College

St.Catherine, Jamaica

Associate Degree in Management Information Systems
Bachelor of Science in Management Information Systems

Sep 2019 - Feb 2022
Sep 2021 - Present(Pending)

Amber Heart Stony Hill Heart NSTA
NVQ J-Level 3 in Mobile Application Development: Stony Hill

Kingston, Jamaica
Oct 2022 - Feb 2024

Bridgeport High School
High School Graduation Certificate

St.Catherine, Jamaica
Sep 2013 - 2018

CERTIFICATIONS

[Google UX Design](#)

[Google Workspace Administrator](#)

[Google IT Support](#)