MARK ROLAND T. CANUBAS

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WORKING EXPERIENCE

Bastion Payment System Corporation - *Software Developer* | Makati *July 2025 - July 2026*

- Improved client IP detection in ASP.NET Framework by replacing external WebClient-based API calls with direct HTTP request header inspection (X-Forwarded-For, REMORE_ADDR), eliminating third-party dependencies and significantly improving performance and reliability.
- Developed a bulk upload & data export feature using ASP.NET Framework with CSV processing, incorporating server-side validation, error handling, and batch processing workflows reducing manual data entry.
- Implemented an Email Service feature for mobile applications using Emailjs, and Angular with Capacitor native plugins, HTML templated email, and attachment capabilities improving the distribution of the application's generated documents.
- Built a paginated streaming backup pattern in Angular and Capacitor efficiently handles large data (JSON), using chunked/asynchronous processing to reduce memory usage, improve performance, and ensure smooth, responsive data export with support for partial recovery.
- Developed an Angular feature of QR code payment module with dynamic QR code generation, integrating payment data for transaction processing.
- Implemented NUnit testing framework within ASP.NET Framework projects reducing regression risks of the project.
- Developed a maintainable Testing Environment by implementing Angular TestBed Global service provider, to lessen the manual importation of providers in every testing environment.

Gardenia Bakeries Philippines - *Mobile App Developer Intern* | Laguna *February 2025 - May 2025*

- Developed low-code applications using AppSheet for its frontend and Google Sheets as the backend database to improve the warehouse management system in a specified department.
- Accelerated the workflow by 2x, reducing manual paperworks by 80% and enabling a faster and maintainable process flow.

EDUCATION

De La Salle University of Dasmariñas Dasmariñas, Cavite
Bachelor of Science in Computer Engineering *2021 - 2025*
Relevant Coursework: Data Structures & Algorithm, Operating Systems, Database System, Software Engineer
Awards: Academic Excellence Award - Dean's Lister (With Honors), DOLE Financial Aid Scholarship

TECHNICAL SKILLS

Languages: TypeScript, C#, JavaScript, HTML, CSS
Frontend: Angular, Ionic, React, Next.js, ShadCN UI, Bootstrap, Tailwind CSS
Backend: ASP.NET, Supabase
Developer Tools: Git, Github, Gitlab, VS Code, Visual Studio, Android Studio, Figma, Canva, Vercel

CERTIFICATION

CCNA: Switching, Routing, and Wireless Essentials *Achieved on 2025*

PROJECTS

Vibeely - Next.js**,** *ShadCN, Supabase*

- Real-time chat application that connects users through shared interests and personal preferences. Features include user matching, instant messaging, and responsive UI design powered by Supabase real-time services.