

JAY-R RODRIGUEZ BAYOG

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PROFESSIONAL SUMMARY

Software Engineer with 6+ years of experience building and maintaining scalable applications in C# .NET, Node.js, and ReactJS. Experienced in microservices architecture, RESTful API development, and deploying cloud solutions on Microsoft Azure. Skilled in MSSQL, MySQL, and PostgreSQL database development, message-based communication with RabbitMQ, and coding standards across the SDLC.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET, .NET Core, ASP.NET, JavaScript, TypeScript, Node.js, ReactJS, React Native, HTML, CSS, SQL

Architecture: Microservices, RESTful API design, Clean Architecture, Domain-Driven Design (DDD), CQRS, loose coupling

Databases: Microsoft SQL Server (MSSQL), MySQL, PostgreSQL

Cloud & Messaging: Microsoft Azure, Supabase, RabbitMQ

Testing: Selenium, Jest, test automation

Tools: Git, Sourcetree, Visual Studio, Visual Studio Code, Postman, SQL Server Management Studio, MySQL Workbench, Expo, EAS Build

PROFESSIONAL EXPERIENCE

DXC TECHNOLOGY

Software Engineer | Sept 2025 – Present

- Develop and maintain scalable enterprise web applications using C# .NET, Node.js, and ReactJS.
- Deploy and manage cloud-hosted solutions on Microsoft Azure, supporting application availability and scalability.
- Partner with cross-functional teams to deliver secure, high-quality software aligned with client requirements.

SMARTMONETA

.NET Developer | Sept 2024 – May 2025

- Maintained and enhanced a production payment gateway application built on C# .NET.
- Designed and implemented automation solutions that eliminated manual, repetitive processing tasks.
- Investigated and resolved production incidents, applying root-cause analysis to prevent recurrence.
- Provided technical support to internal stakeholders and client-facing teams on system behavior and integrations.

FLEXISOURCE IT

Software Engineer | Jan 2023 – Sept 2024

- Maintained a production Software-as-a-Service (SaaS) platform built on C# .NET and ReactJS.
- Developed and enhanced RESTful APIs powering core platform functionality.
- Delivered new product features from technical specification through to release.

PALAWAN PAWNSHOP GROUP OF COMPANIES

Software Engineer | Aug 2019 – Dec 2022

- Engineered a notification delivery system in C# .NET and ReactJS using microservices architecture and loose coupling.
- Built pawnshop reporting modules on C# .NET REST APIs with ReactJS front ends for business users.
- Designed and developed RESTful APIs consumed by internal business applications.
- Established coding standards adopted across the development team.
- Supported application deployment and release activities.

Branch Associate | Aug 2018 – Aug 2019

- Handled daily branch operations and processed customer financial transactions.

PROJECTS

KAMEE FITNESS — [kamee.fit](#)

Solo Developer | 2026 – Present

- Designed and built a cross-platform iOS and Android fitness application in React Native (Expo Router) and TypeScript, published to the App Store and Google Play.
- Architected the backend on Supabase, using PostgreSQL with row-level security policies, authentication, storage, and Deno edge functions for server-side purchase verification.
- Implemented GPS route tracking with Mapbox, Bluetooth Low Energy heart-rate monitoring, and Apple HealthKit and Android Health Connect integration.
- Integrated an on-device AI coach using llama.rn, RevenueCat subscription billing, and QR-code-based social workout sharing.
- Managed the release pipeline with EAS Build and over-the-air updates, with Jest covering core logic.

EDUCATION

STI COLLEGE KORONADAL

Bachelor of Science in Information Technology | Jun 2014 – Apr 2018

LIBERTAD NATIONAL HIGH SCHOOL | Jun 2010 – Mar 2014

SURALLAH EAST ELEMENTARY SCHOOL | Jun 2004 – Mar 2010

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals – *Microsoft* | Feb 2026

.NET 8 Microservices: DDD, CQRS, Vertical/Clean Architecture – *Udemy* | Jun 2024

C# Certification – *CodinGame* | Oct 2022