

John Robert C. Rodejo, Full-Stack Software Engineer

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EDUCATION

Bicol University, Legazpi City

Jun 2026

BS Information Technology, cum laude

EXPERIENCE

Quanby Solutions - Full-Stack Software Engineer Intern

Feb 2026 – May 2026

Next.js, NestJS, tRPC, PostgreSQL, AWS S3, TypeScript

- Delivered 15+ end-to-end modules across 3 production codebases in a TypeScript monorepo architecture, contributing across frontend, backend, database, and API layers
- Migrated 5 legacy modules within a 6-day sprint, performing data modeling, schema migration, backend API development, and frontend integration to deliver full-cycle features
- Engineered a multi-role Clearance Module with approval/rejection workflows and AWS S3 integration, supporting secure multi-format document uploads and role-based processing

Start-up Podcast Network PH - Full Stack Software Engineer

Nov 2025 - Present

React, Node.js/Express, PostgreSQL, Supabase, Redis, Jest, Swagger

- Migrated and seeded 450+ episodes and 300+ startup records from the legacy SpreadSimple platform, designing a normalized PostgreSQL data model and schema migration process
- Independently delivered the Events, Community, and Startups pages end-to-end, designing database schemas, developing RESTful APIs, and integrating frontend UI
- Optimized database queries and API endpoints across core application services, applying system performance optimization techniques to reduce response times by up to 90%, from 500–1000ms to 50–300ms

PROJECTS

e-LegTas: GIS-Based Evacuation Management System | Technical Lead & Full-Stack Developer Feb 2025 – Nov 2025

Flutter, React, Node.js/Express, PostgreSQL, Redis, Docker, AWS (EC2, RDS)

- Built a real-time GIS-based evacuation management system using OpenStreetMap and Server-Sent Events (SSE), tracking live evacuee counts, demographic breakdowns, and on-site personnel across 70 evacuation centers
- Analyzed backend bottlenecks and optimized database queries and RESTful API operations, reducing system response times by up to 80%, from 300–500ms to 50–100ms
- Implemented a CI/CD pipeline with GitHub Actions and Docker, automating unit test, lint, and build checks before deploying the application to AWS EC2 with Amazon RDS
- Conducted security testing using OWASP ZAP, identifying and remediating SQL injection risks and eliminating all high- and medium-severity findings
- Hardened application security by implementing Helmet.js for HTTP header protection and Redis-based rate limiting, mitigating common web threats and API abuse

AliTapTap — NFC Card E-Commerce Platform | Full-Stack Developer School Project

Feb 2024 – May 2024

React Native, React, Node.js, Express, Tailwind, PayMongo

- Built a Canva-style NFC card customization feature in React Native with WYSIWYG text editing, background images, and drag-based resizing and transformation controls
- Integrated PayMongo payment processing to support transactions across credit/debit cards, GCash, and GrabPay

SiyenSHOP — Campus E-Commerce Platform | Project Lead & Lead Developer

Sep 2024 – Dec 2024

Livewire, Laravel, Bootstrap

- Led 40 members across 8 teams and served as final technical reviewer, resolving cross-module architectural and integration issues to maintain code quality and ensure successful integration

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, PHP, Dart

Frontend / Mobile: React, Next.js, React Native, Flutter, Tailwind CSS, Bootstrap

Backend & Databases: Node.js, NestJS, Express.js, tRPC, Laravel, REST APIs, PostgreSQL, MySQL, MongoDB, Redis, Supabase, Drizzle

Cloud, DevOps & Tools: AWS (EC2, RDS, S3), Docker, Git, Jest, Swagger, OWASP ZAP, Claude Code, Cursor, ChatGPT

LEADERSHIP & ORGANIZATION

Google Developer Groups on Campus – Bicol University

Project Lead | 2025 – Present | Web Developer | 2024 – 2025

Coordinated student-led technical projects and collaborated with team members to ensure timely completion of project milestones.