Bryan Ramirez

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SUMMARY

Technical Backend Leader and Full-Stack Specialist with over 4 years of experience in designing, building, and deploying highly scalable, resilient, and secure systems. Expert in Microservices Architectures, Event-Driven Systems, and modern cloud deployment using Kubernetes, Docker, and AWS. Proven ability to lead projects, mentor teams, and enforce rigorous compliance standards, including HIPAA, while driving performance optimization and architectural excellence across the full development lifecycle.

EXPERIENCE

Full-Stack Developer

Independent   **April 2022 – Present, Santo Domingo Este**

· Collaborated with 5+ stakeholders during development processes to confirm creative proposals and design best practices, ensuring alignment on project requirements and deliverables.
· Developed a comprehensive laundry management system for a client, incorporating queue and payment integrations, security features, and role-based permissions. Implemented API caching and optimized various techniques, improving API response times by 50% and ensuring security and efficiency.
· Led the end-to-end architecture and implementation of a HIPAA-Compliant Telemedicine and EHR Platform for 2+ clients, ensuring strict adherence to regulations for the handling of Protected Health Information (PHI). Engineered and deployed the platform using a Serverless and Containerized AWS Architecture, leveraging ECS Fargate, Lambda, API Gateway, S3, RDS, and CloudFormation to ensure compliance, high scalability, and 40% cost optimization.

Software Engineer (Technical Backend Leader)

Grupo Read   **July 2024 – November 2025, Distrito Nacional**

· Led 5+ concurrent projects, taking full responsibility for system architecture design, technology selection, and dependency management, while directing backend development to ensure seamless system integration, optimized performance, and scalability.
· Designed and developed a distributed storage system and engineered a scalable application ecosystem using Next.js v14-v16, alongside architecting a Microservices-Oriented Backend API with Moleculer.js, Docker, and Kubernetes to ensure robust, fault-tolerant, and 99.9% highly available services.
· Designed and optimized data models for MySQL and MongoDB, implemented event-driven architecture with Redis for inter-service communication, and enhanced API security and performance through new protocols and optimizations, reducing operational costs by 35% and minimizing security vulnerabilities by 40%.
· Led end-to-end development and deployment of 3+ external Health Sector APIs with Docker and Kubernetes, achieving 99.8% uptime via Ingress controller load balancing, distributed rate limiting, caching that improved response times by 45%, and structured logging for compliance and performance.
· Served as Project Leader and Technical Mentor, guiding 4+ junior developers and contributing to administrative management to ensure efficient project execution and cross-team collaboration.
· Consolidated monitoring and tracing with Prometheus and Grafana for real-time system health visibility, and refined CI/CD pipelines by integrating automated quality gates and parallel job execution, reducing release cycles by 50% and improving deployment reliability for Grupo Read's critical web platforms.

Full Stack Developer

Media Revolution   **October 2023 – August 2024, Distrito Nacional**

· Presented solutions aligning development processes with front-end frameworks and backend services, streamlining adoption of frameworks and API tooling across 3+ teams to support business growth.
· Engineered 8+ end-to-end web applications leveraging React.js and Node.js for both client and server-side functionality, resulting in a 30% increase in project delivery speed.
· Integrated RESTful APIs using React.js and Node.js, collaborating with multiple teams to maintain cohesive data flow throughout the application, improving data consistency by 25%.
· Developed 15+ reusable components and libraries for future use, accelerating development processes by 40% and maintaining consistency across projects.
· Streamlined codebase by refactoring legacy code, resulting in 35% improved maintainability and reduced technical debt by 30%.
· Utilized various front-end frameworks React, NextJS, Vite for efficient application development and seamless integration of UI components across 10+ projects.

EDUCATION

Ultimate AWS Certified Developer Associate 2025 DVA-C02

Udemy · Remote · 2025-06 – 2025-08

Microservices with Node JS and React
Udemy · Remote · 2024-07 – 2024-12

Typescript
Udemy · Remote · 2023-10 – 2023-11

Javascript
Coderhouse · Remote · 2023-04 – 2023-06

Web Development
Coderhouse · Remote · 2023-02 – 2023-04

Frontend Development With React
Coderhouse · Remote · 2023-02 – 2023-08

Systems Engineering And Computing
O&M College · Santo Domingo, Dominican Republic · 2023-01 – Current

SKILLS

Languages & Runtimes: JavaScript, TypeScript, Node.js, CSS

Frameworks & Libraries: React.js, Next.js, NestJS, Express, MoleculerJS, Fastify, React Native (Expo), TailwindCSS

Databases & Tools: MySQL, PostgreSQL, MongoDB, Firebase, Git, GitHub, Gitlab, K6

DevOps & Cloud: Docker, Kubernetes, CI/CD pipelines, AWS, GCP, Digital Ocean, Prometheus, Grafana, Performance Optimization, API Integration