

Brian Santeliz

Senior Software Engineer
(Backend / Serverless / AWS)

Contact Details

 blsvsanteliz@gmail.com
 +58 4121074720
 Venezuela

Education

Computer Engineer
Momboy Valley University
2017 - 2020

Core Skills

- Languages & Frameworks: Node.js, TypeScript, JavaScript, Python, Express, Jest, Go
- Cloud & AWS: Lambda, EC2, API Gateway, DynamoDB, S3, Cognito, IoT Core, Timestream, CloudWatch, OpenSearch, QuickSight, Solutions Architect
- Architecture: Serverless, Microservices, Clean Architecture, Event-driven systems, DDD
- DevOps & Tooling: Serverless Framework, CI/CD, Git, Docker, Terraform, Pulumi, AWS CDK, SAM.
- Databases: PostgreSQL, DynamoDB, MongoDB, Neo4j
- Frontend (supporting): React, Next.js, Vue, React Native, Nuxt
- Practices: TDD, Observability, Structured Logging, Agile, Code Reviews

Summary

Experienced Software Engineer with 6+ years in agile development, delivering scalable, high-performance solutions across cloud and serverless environments. Strong expertise in Node.js, TypeScript, and AWS (Lambda, IoT Core, DynamoDB, Timestream, API Gateway) with a focus on clean architecture and microservices design.

Proven track record leading backend modernization, observability, and data-driven systems, while also building frontend applications with React, Next.js, and Vue. Passionate about system optimization, team collaboration, and leveraging cloud technologies to drive product innovation and reliability.

Experience

Powerley 2024 - 2025

Senior Software Engineer / Data Engineer - IoT & Energy Tech

- Built and maintained serverless backends for real-time IoT telemetry using AWS IoT Core, Lambda, DynamoDB, Timestream, and S3, processing millions of events daily.
- Designed OTA update orchestration and device connectivity monitoring, reducing communication errors by 25%.
- Developed data ingestion and analytics pipelines with PostgreSQL and QuickSight to support business dashboards and operational visibility.
- Improved system reliability through structured logging, CloudWatch, OpenSearch, and Datadog, significantly reducing incident response time.
- Led refactors of legacy services into Node.js 20 microservices using Clean Architecture and Serverless Framework.

Namutek 2023 - Present

Senior Software Engineer - Fintech Platform

- Orchestrated the migration of 2M+ banking users to a unified platform, improving scalability and boosting transaction volume by 35%.
- Led backend modernization initiatives, introducing serverless patterns and standardizing deployments via CI/CD pipelines.
- Designed and implemented authentication and authorization refactors using AWS Cognito and DynamoDB, enabling dynamic roles and fine-grained permissions.
- Built internal administrative modules and microdeposit approval systems, reducing processing time by 40% and improving auditability for compliance.
- Implemented observability improvements and structured logging, decreasing debugging time by 30% and strengthening operational reliability.

CAIsert 2021 - 2023

FullStack & Tech Lead Backend

- Led distributed teams delivering full-stack solutions with Node.js, Vue, GraphQL, Docker, Apollo, and Neo4j.
- Improved delivery speed by 15-20% through better architecture patterns and engineering practices.
- Introduced Test-Driven Development practices, reducing post-release defects by 30%.
- Designed event-driven patterns that increased scalability and long-term maintainability.

TechSynergy 2020 - 2021

FullStack Developer

- Built scalable web applications using Node.js, Vue.js, MongoDB, and MySQL.

- Integrated AWS services and improved application security, reducing delivery timelines by 17%.
- Improved overall system efficiency by 30% through architectural optimizations.

Momboy Valley University
University Instructor

(Part time 2023)

- Taught modern web technologies (React, JavaScript, HTML, CSS, Vue, Tailwind) with a strong hands-on approach.
- Increased student engagement by 15% and project completion rates by 25%.
- Organized hackathons and technical talks, boosting participation by 20%.

CreativeWorks 2018 - 2019

Frontend Developer

- Developed and maintained WooCommerce features, improving functionality by 20% and increasing user satisfaction by 15%.
- Enhanced UI/UX using Bootstrap, jQuery, HTML, and CSS, increasing engagement metrics by 10%.