

Jay Are Galinada

Senior Full Stack Engineer | Building Scalable Web & Mobile Platforms

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Summary

Senior Full Stack Engineer with 10+ years of experience building scalable web, mobile, and cloud-native platforms across fintech, insurance, healthcare, and proptech industries. Experienced in leading technical initiatives, mentoring engineers, driving architecture decisions, and translating product requirements into maintainable engineering systems.

Specialized in TypeScript, NestJS, Next.js, React, and cloud-native architectures, with a strong focus on developer experience, scalable architecture, performance optimization, and pragmatic product delivery. Passionate about building products from zero-to-one, improving engineering velocity, and enabling teams through strong technical foundations.

Product Engineering Experience

Renigo

Founder/Product Engineer

2025 - 2026

- Architected and built a property management platform from the ground up using Next.js, TypeScript, and Supabase, serving homeowners, administrators, and security personnel through a role-based multi-user architecture.
- Led end-to-end product development including technical discovery, system architecture, database modeling, API design, UI/UX decisions, and engineering roadmap execution.
- Designed scalable cloud-native and mobile-ready capabilities, exploring offline-first architecture, real-time synchronization, and resilient cross-platform user experiences.
- Established engineering standards, modular architecture patterns, and development workflows to support long-term maintainability, future team scalability, and product evolution.

Work Experience

Senior Full Stack Engineer (Contract)

CONTINENTAL GENERAL INSURANCE

November 2025 - April 2026

- Delivered enterprise-grade platform features for insurance systems using React, Node.js, TypeScript, and AWS within highly regulated environments.
- Contributed to cloud-native infrastructure and deployment workflows using AWS CDK, CI/CD pipelines, and infrastructure-as-code practices.

- Partnered with product managers, QA, designers, and engineering teams to translate business requirements into scalable technical solutions.
- Led architecture discussions, design reviews, and engineering decisions across distributed teams to improve long-term scalability, maintainability, and delivery velocity.

Senior Backend Developer

ROBERT WALTERS

April 2024 - October 2025

- Architected and optimized backend services using NestJS, TypeScript, and Node.js, improving API response times by 25% and ensuring reliability for thousands of concurrent users.
- Led the end-to-end development of CRM features, integrating WebSockets for real-time data updates and streamlining client management workflows.
- Collaborated closely with frontend engineers using React and Next.js workflows to improve API integration patterns and delivery efficiency.
- Troubleshooted and resolved critical infrastructure issues while managing CI/CD pipelines on AWS to ensure secure, rapid-deployment cycles with zero major incidents.

Teaching Partner

UPLIFT CODE CAMP

November 2021 - October 2025

- Mentored and coached over 100 aspiring developers, helping graduates transition into software engineering and QA roles while promoting production-grade engineering practices.
- Designed workshops focusing on React, Node.js, RESTful API architecture, and modern web development practices within simulated production environments.
- Facilitated training modules on industry best practices, including version control workflows and Agile methodologies, preparing graduates for high-growth technical teams.
- Collaborated with fellow instructors and leadership teams to architect and continuously improve the full-stack development curriculum, ensuring alignment with modern engineering practices and industry expectations.

Senior Full Stack Developer

BRIXIO

July 2023 - March 2024

- Designed and optimized a Document Management System (DMS) for large-scale file processing workflows using Node.js and PostgreSQL, improving operational efficiency by 30%.
- Built and integrated rewards and transaction workflows for enterprise platforms, aligning technical implementation with complex business and compliance requirements.
- Led the end-to-end development lifecycle, from initial technical design to production deployment, ensuring strict adherence to performance and security standards.

- Improved and implemented robust data validation workflows to enhance systems reliability and minimize processing errors in high-volume environments.

Senior PHP Developer

FLEXISOURCE IT

November 2020 - July 2023

- Developed and integrated enterprise card solutions for clients like Apple and Mastercard, ensuring secure RESTful API transactions and global compliance.
- Architected an AI-powered Application Tracking System using Node.js and Vue, automating workflows and reducing screening time by 40% through scalable backend design.
- Led cross-functional engineering initiatives and cloud migration efforts across AWS environments while maintaining consistent delivery timelines.
- Resolved backend scalability issues, optimizing system fault tolerance to handle high-volume concurrent transactions with minimal downtime.

Senior Full Stack Developer

LIVEWELL CORPORATION SOLUTIONS, INC.

July 2018 - November 2020

- Troubleshoot and refactored legacy code to boost system performance by 90% through database query optimization and advanced caching on Azure.
- Architected and deployed secure RESTful APIs to enable seamless integrations with cross-platform mobile applications, ensuring data reliability across layers.
- Developed and modernized the frontend using Vue and React components, reducing UI development time by 30% for high-growth healthcare applications.
- Mentored junior developers through code reviews and workshops, ensuring technical excellence and adherence to high-quality software standards.

Server Manager

GMST INC.

August 2015 - July 2018

- Developed RESTful APIs and cross-platform mobile applications using Laravel, Ionic, and hybrid mobile technologies for enterprise clients.
- Delivered real-time mobile-to-server synchronization and backend integrations to support field operations and business-critical workflows.
- Managed Linux servers, deployment pipelines, infrastructure monitoring, and production environments while maintaining 99.9% system uptime.
- Implemented automated backup, monitoring, and security protocols to improve operational resilience, incident response, and long-term system stability.

Education

Bachelor of Arts in Theatre Arts

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

2008 - 2011

Additional Skills

Core Technologies:

TypeScript, NestJS, Node.js, React, Next.js, PHP, Laravel, Symfony

Mobile & Frontend:

React Native, Flutter, Ionic, Native Script

Cloud & Infrastructure:

AWS, GCP, Azure, Docker, CI/CD, PostgreSQL, Redis, Supabase, Serverless Architecture

Community & Speaking Engagements

- Speaker, Laravel Workshop - LaREVEAL: Unleashing the Power of Laravel
- Speaker, Intro to Laravel - University of the East, Philippines
- Speaker, Microsoft Office & Troubleshooting - Department of Education of Malabon
- Community Representative, Laravel Philippines
- Co-organizer, Digital Ocean Manila