Jesus Rosario | Lead Software Engineer

Miami, FL | jesusmrdev@gmail.com | (860) 514-9347
LinkedIn | GitHub | jessusdev.com

Professional Summary

Lead Software Engineer with a strong background in designing and scaling APIs, multi-tenant SaaS platforms, and data-driven systems. Skilled at driving technical strategy, delivering scalable cloud solutions, and guiding teams to build high-impact products that balance performance, reliability, and business goals.

Technical Skills

Languages & Frameworks: Node.js, JavaScript, TypeScript, PHP, React.js, Next.js, MySQL, Redis, AWS (EC2, ECS, S3, RDS, Cognito, Amplify, Lambda), Docker, CI/CD, Agile/Scrum

Experience

Lead Software Engineer | Police Records Management Group (PRI) | Jan 2024 – Present

- Led the architecture and launch of GovQuest 2.0, a multi-tenant SaaS system for public records management, scaling from small agencies to full cities and state-level organizations. Expanded market reach and replaced outdated legacy platforms.
- Designed and delivered end-to-end features for authentication, billing, and request workflows, building REST APIs, backend services, and integrations that improved reliability and eliminated recurring issues.
- Built GovQuest 2.0's payment system end-to-end with Stripe, supporting per-request fees, subscription tiers, refunds, and reconciliation. Delivered a secure, scalable platform that eliminated client payment issues and improved compliance.
- Built a Task Management feature to help organizations assign, track, and manage request-related tasks, improving turnaround times and accountability.
- Delivered the Department and Department Groups module to seamlessly integrate complex organizational hierarchies into the platform, streamlining role assignment, access control, and collaboration for organizations of all sizes.
- Directed technical planning and mentoring, facilitating code reviews, guiding junior engineers, and aligning delivery with client and compliance needs.

Software Engineer | PRI | May 2022 – Jan 2024

- Architected multi-tenant MySQL schemas for GovQuest 2.0, a multi-tenant SaaS with strong data isolation.
- Redesigned payment system with Stripe SDK + PHP CodeIgniter, improving compliance and eliminating all payment-related support issues.
- Migrated file storage from AWS Block Storage to S3, reducing costs by 77% and improving retrieval speeds by 40%.
- Standardized development environments with Docker, reducing setup time by 50% and accelerating CI/CD pipelines.

Education

A.S. Information Technology / Software Engineering — New England Institute of Technology, RI