

Jesus Rosario | Software Engineer

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

[linkedin.com/in/jesus-rosario](https://www.linkedin.com/in/jesus-rosario) | github.com/jessur2030 | jessusdev.com

PROFESSIONAL SUMMARY

Software Engineer with a strong background in developing scalable backend systems, RESTful APIs, and dynamic web applications. Excels in a collaborative environment, demonstrating strong proficiency in a broad technical skill set including JavaScript, TypeScript, Node.js, PHP, React.js, and AWS cloud services. Focused on improving user experience and driving projects that significantly enhance business impact.

TECHNICAL SKILLS

Languages & Libraries: JavaScript, TypeScript, Node.js, PHP, React.js, MySQL, Redis

Tools & Platforms: Docker, Linux, AWS (EC2, S3, RDS, ECS)

EXPERIENCE

Senior Software Engineer | Police Records Management Group (PRI)

Jan 2024 - Present

- Lead developer of a scalable, user-centric multi-tenant SaaS application, focusing on delivering innovative solutions and translating complex requirements into robust architectures.
- Implemented a tenant identification service using wildcard subdomains, enhancing system flexibility and ensuring seamless identification across different tenant environments.
- Designed and implemented the Organization Subscription Service (OS), a robust system managing tier-based subscriptions, storage limits, and comprehensive billing and payment details for each organization. Additionally, implemented an efficient tenant onboarding process that significantly improved user access and operational efficiency.

Software Engineer | Police Records Management Group (PRI)

May 2022 - Jan 2024

- Led the architectural and system design of a multi-tenant SaaS application, focusing on scalability, flexibility, and data isolation for core application components.
- Architected and implemented a database design using MySQL for a multi-tenant SaaS application, ensuring scalability, flexibility, and data isolation.
- Spearheaded the implementation of a comprehensive User Management system, pivotal in enhancing the new application's organizational functionalities and security. Key features included:
 - User Invitation: Designed the process for organizations to invite users via email, optimizing the user onboarding experience.
 - Role Assignment with RBAC: Directed the integration of Role-Based Access Control, facilitating detailed roles and permissions setup to ensure precise access management.
 - License Allocation: Instituted a licensing model to manage user entitlements, significantly improving compliance and security across the application.
- Overhauled the payment system using PHP CodeIgniter and Stripe SDK, resulting in 100% user satisfaction and elimination of payment-related support tickets.
- Implemented an end-to-end migration from AWS Block Storage to AWS S3 SDK for PHP, reducing costs by 77% and improving data retrieval times by 40%, markedly enhancing system performance and cost-effectiveness.

EDUCATION

New England Institute of Technology, East Greenwich, RI Associate of Science in Information Technology/Software Engineering