

Jesus Rosario
Miami, FL
(860) 514-9347
jessusrdev@gmail.com
linkedin.com/in/jesus-rosario
github.com/jessur2030
https://jessusdev.com/

Software Engineer

Technical Skills

Front-End: JavaScript, TypeScript, React.js, Next.js CSS3 Flexbox/Grid

Back-End: Node.js, PHP

Database: MySQL, NoSQL

Others: AWS (EC2, S3, RDS, SMS), Docker, Linux, Prisma

Education

October 2017 – March 2020

New England Institute of Technology, East Greenwich, RI

Associate of Science in Information Technology / Software Engineering

Experience

May 2022 - Present

Software Engineer, Police Records Management Group (PRMG)

- Initiated and led the integration of Docker within the organization, establishing a standardized development environment that enhanced application consistency and optimized local development. This strategic move not only streamlined daily tasks but also drastically reduced the onboarding time for new hires, cutting setup time from up to two days to just 15 minutes, significantly accelerating overall team productivity and efficiency.
- Dockerized the application, providing a uniform development environment, contributing to improved team productivity, and streamlined deployment process.
- Designed, developed, and managed a robust cloud infrastructure leveraging AWS GovCloud services, including EC2, S3, RDS, and SMS, to achieve greater scalability and efficiency.
- Revamped the majority of the application's UI, significantly enhancing user experience and streamlining functionality.
- Championed the migration of the application file storage system from AWS block storage to S3 pre-signed URLs, achieving a 77% cost reduction in storage expenses while enhancing availability, redundancy, and security.
- Engineered and implemented pivotal application features, playing a crucial role in acquiring new customers and driving business growth for PRMG.

Projects

E-commerce Store

(Live site) (GitHub)

- Created back-end Node.js web server with Express.js and implemented a RESTful API
- Utilized React.js to implement functional reusable components
- Implemented payment method using PayPal

Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Redux, CSS

Bug Tracker Management App

(Live site) (GitHub)

- Created back-end Node.js web server with Express.js and implemented a RESTful API
- Utilized React.js to implement custom hooks and functional reusable components
- Implemented user authentication with JWT

Technologies: React.js, Node.js, Express.js, MongoDB, Redux Toolkit, JWT, CSS