

Josue Rodriguez

Senior Software Engineer

Focused in Backend Distributed Systems & DevOps Automation

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EXPERIENCE

Senior Software Engineer Freelancing July 2021 - Present

- Developed a mobile dating app using a Golang API and React Native with a Kubernetes infrastructure.
- Developed an automotive tracking web application using ReactJS and NodeJS API.
- Provided cloud reliability and high availability solutions for distributed systems.
- Provided advisory expertise to small business web apps and supported cloud infrastructures.

Lead Software Engineer PTO Genius, Inc. Oct 2020 - July 2021

- Built and managed a Kubernetes infrastructure on AWS for various Golang & VueJS microservices.
- Oversaw DevOps responsibilities & production operations, implementing CI/CD pipelines and streamlined development workflows.
- Lead API designs using Golang & GraphQL, and contributed to frontend features and product roadmap.
- Worked with third-party vendors on API implementation, specifications, and product relations.

DevOps Automation Engineer II Stelligent Systems Sept 2019 - April 2020

- Contributed cloud security best practices with automated processes & development pipelines to clients infrastructure.
- Built automated security solutions for cross-account monitoring, auto-remediation, tracking and reporting using AWS products like Cloudformation, Lambda, CodePipeline, IAM, SNS.
- Collaborated on features and improvements to internal employee billing & utilization platform.

Senior Software Engineer Kairos AR June 2016 - Sept 2019

- Lead a major API migration from PHP to Golang, thus resulting in higher performance improvements, high availability & reliability, and significant infrastructure cost reductions.
- Streamlined CI/CD pipelines to Kubernetes ecosystem, developed API services in Golang/Python using gRPC, and contributed to Machine Learning operations.
- Lead Kairos' On-Premise enterprise solution on customer's infrastructures.
- Implemented automated unit testing & performance testing to reduce bugs and improve code stability.
- Developed internal toolkits for migrations, reporting and customer data analysis.

Senior Engineer & Team Leader

CreativeDrive

March 2012 - June 2016

- Lead product development for the enterprise digital asset management system and metadata taxonomy, a flagship product.
- Contributed to multiple PHP & NodeJS services, API designs, infrastructure pipelines and production operations.
- Lead development teams for a suite of applications and multi-tenant platforms.
- Team leader responsibilities including product release schedules, deployment planning, agile team coordination, and streamlining development workflows.
- Strategized product roadmap & business needs with project managers and enterprise customers.

TECHNICAL SKILLS

Proficient:

Golang, NodeJS, Python, Bash, PHP, MySQL, Kubernetes, gRPC, GraphQL, Terraform, Docker, Linux

Knowledgeable:

React JS, React Native, Ruby, Lua, Open Tracing, Jenkins, Cloudformation, Prometheus, Grafana, Nginx

Infrastructure/Services:

AWS, Google Cloud Platform, DynamoDB, SQS, SNS, Aerospike DB, Redis, ElasticSearch

Certifications:

AWS Certified SysOps Administrator (Associate)