Josue Rodriguez

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Senior Software Engineer
Focused in Backend Distributed Systems & DevOps Automation

Experienced Senior Software Engineer with extensive expertise in developing scalable Golang microservices, managing Kubernetes infrastructures on AWS, and designing robust APIs. Proven track record of creating CI/CD pipelines, modernizing legacy systems, and delivering high-performance, efficient software solutions. Adept at collaborating with distributed teams to drive successful outcomes.

AREAS OF EXPERTISE

Languages & Frameworks: Golang, gRPC, GraphQL, NodeJS, JavaScript, Python, Bash, PHP, Lua, Linux, Terraform, Helm, OCR, Echo, React

Cloud & DevOps: AWS (S3, EC2, EKS, RDS, SQS, SNS, DynamoDB, Lambda, Kinesis), Google Cloud Platform, Kubernetes, Docker, Github Actions, Jenkins, Aerospike DB, Elasticsearch, MySQL, Redis, Nginx, Prometheus, Grafana

WORK EXPERIENCE

Senior Software Engineer   SkyHop Technologies   Aug 2022 - Oct 2024

- Developed and maintained over a dozen Golang microservices to meet diverse business needs, enhancing system performance and reliability metrics.
- Managed and scaled Kubernetes clusters using Terraform on AWS EKS to enhance infrastructure scalability.
- Lead the design & implementation of CI/CD pipelines using GitHub Actions, also reducing build times by 25%.
- Enhanced deployment frequency to enable more frequent feature releases and updates.
- Actively contributed to the product roadmap and collaborated with key stakeholders and essential team members to gather feedback, driving platform improvements.
- Delivered on-call support to maintain continuous system operations, cutting incident resolution times and achieving 99.9% uptime.
- Designed API specifications and delivered business services from concept to production-ready state.
- Integrated third-party services for real-time flight data tracking, enhancing user responsiveness and system efficiency.
- Oversaw legacy PHP platform support while architecting a next-generation system using Golang.
- Managed and improved a high traffic NodeJS application to process critical business operations.

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

- Led DevOps operations, implemented CI/CD pipelines, and streamlined development workflows for rapid release cycles.
- Architected and managed Kubernetes infrastructure on AWS for Golang microservices and a VueJS static frontend.
- Shaped the product roadmap and API specifications, enhancing product-market fit.
- Collaborated with vendors to integrate APIs, refine specifications, and strengthen product relationships.

DevOps Automation Engineer II Stelligent Systems Sept 2019 - April 2020

- Developed automated security solutions using AWS (CloudFormation, Lambda, CodePipeline, IAM, SNS) for cross-account monitoring, auto-remediation, and reporting.
- Contributed to cloud security best practices through automated processes and infrastructure development.
- Improved internal billing and utilization platforms, driving efficiency enhancements.

Senior Software Engineer Kairos AR June 2016 - Sept 2019

- Spearheaded API migration from PHP to Golang, boosting system performance, increasing availability, and cutting AWS costs by 60%.
- Streamlined Jenkins CI/CD pipelines for Kubernetes environments and developed API services using Golang/Python with gRPC interoperability.
- Managed Kairos' on-premise enterprise solution deployments.
- Implemented automated unit and performance testing, enhancing code stability.
- Developed internal toolkits for migrations, reporting, and data analysis.
- Managed a multi-cloud infrastructure using AWS and GCP.

Senior Engineer & Team Leader CreativeDrive March 2012 - June 2016

- Lead both an in-house and outsourced team (average 4-6 engineers) on multiple projects from launching new products to maintaining and improving existing solutions.
- Directed product development for an enterprise digital asset management system, focusing on metadata taxonomy & enhancing data retrieval by 70% using Elasticsearch.
- Contributed to multiple PHP and NodeJS services, API design, infrastructure pipelines, and production operations.
- Led development teams for multi-tenant applications and coordinated agile product releases.
- Collaborated on product strategy with project managers and enterprise clients.

CERTIFICATIONS

- AWS Certified SysOps Administrator (Associate)