Jorge Luis Madrigal
DevOps Engineer

Critical thinking DevOps with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player. Seeking new position involved in IT designing, planning and testing.

Contact Information
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Jul 9, 1993
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Experience

Medellín, Antioquia, COL
Mar 2024 – Oct 2024

DevOps Sr Engineer
Gi Group Holding

- Managed CI/CD pipelines for cloud-based applications on AWS using GitHub Actions
- Collaborated with development and operations teams to streamline the deployment process
- Monitored and optimized cloud infrastructure for performance and cost efficiency
- Configured and maintained AWS services such as EC2, S3, RDS, CloudFront, EKS, ApiGateway, ALB/NLB
- Managed and optimized Kubernetes clusters for high availability and scalability.
- Worked with Docker containers and Helm charts to deploy applications on Kubernetes.
- Collaborated with DevOps team to troubleshoot and resolve issues in Kubernetes infrastructure.
- Automated monitoring and alerting systems with ELK and NewRelic.

Medellín, Colombia
Jan 2023 – Jan 2024

DevOps Sr Engineer
Globant

- Proactively participated in meetings and helped create new practices.
- Use of Terraform to deploy infrastructure as a service.
- Management of resources in AWS and Azure.
- Handling of CI/CD pipelines with Azure DevOps and Concourse CI.
- Administration of Kubernetes clusters using AKS and EKS.

Medellín, Colombia
Sep 2022 – Jan 2023

DevOps Sr Engineer
Celerik

- Handled customer complaints with empathy and composure.
- Proactively participated in meetings and helped create new practices.
- DevOps Practices
- Amazon Web Services (AWS)
- Kubernetes
- PostgreSQL
- Microsoft Azure
- Azure DevOps
- GitHub

Medellín
Sep 2021 – Aug 2022

DevOps Engineer (Senior Technician)
Endava

- Pipeline management for CI/CD
- Implementation of SAST and DAST tests
- Manage Azure infrastructure
- Create infrastructure Diagrams
- Create documentations of Infrastructure and CICD process

Medellín
Apr 2021 – Sep 2021

DevOps Engineer
HelloBuild

- Pipeline management for CI/CD
- Implementation of SAST and DAST tests
- Architecture definition using AWS and K8s
- Automation of recurring procedures
- Gitflow Implementation
- Backend developer using Graphql
- Handling github action to create pipelines

Lima, Perú
Feb 2020 – Apr 2021

Lead DevOps Engineer
Servex

- Lead DevOps group.
- Manage kubernates cluster.
- Manage Infrastructure as code using (Ansible and Terraform)
- Manage AWS servers and AI services such as Transcribe (STT), AWS Polly (TTS)
- Manage Google Cloud servers using GPU and TPUs to use of AI Models.
- Manage In-House Servers.
- Implementation of Prometheus and Grafana to monitoring systems.
- Manage Gitlab.
- Definition of git work flow.
- CI/CD using gitlab.

Medellín
Aug 2019 – Jan 2020

DevOps Engineer
10Pearls

- Continuous integration using Azure DevOps (CI).
- Continuous Testing, integrated in CI Pipeline.
- Continuous Delivery using Azure DevOps (CD).
- Manage github, version control system.
- Manage Application Insights of Azure as Application Performance Management (APM).

Medellín, Colombia
Mar 2016 – Aug 2019

DevOps and Developer
Integro

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Created secure custom JavaScript, HTML and CSS coding to prevent network threats.
- Configured, installed and tuned PHP-FPM, Nginx, Redis, MariaDB to performance on our web servers.
- Proxmox Virtual Environment to manage virtual machine and LXC containers.
- Collaborated closely with product development teams and other stakeholders, using effective communication and active listening skills.
- Researched and identified new technologies and tools helping to grow agile development environment.
- Installed Backup system incrementals and externals copy on AWS S3 bucket.
- Javascript and PHP developer for a couple of clients of the company.
- Developer on SalesForce Web API.
- Lead the creation of a CMS for project management for an organization called NISL "National Institute for School Leadership"
- PHP and NodeJs Developer.
- I have worked with Kubernetes for container management and orchestration in production environments. I have been involved in projects where I have implemented and managed Kubernetes clusters, ensuring the scalability and high availability of applications.
- I worked with Helm charts to create modules of K8s.
- Proficient in developing robust web applications using Laravel and Vue.js, I have a track record of creating dynamic and interactive user interfaces. Skilled in building scalable backend systems with Laravel and implementing responsive frontend components with Vue.js
- Designed and developed Salesforce applications to automate business processes and improve efficiency.
- Integrated Salesforce with other platforms such as Wordpress and Joomla.
- Created custom reports and dashboards in Wordpress getting information from Salesforce.

Medellín, Colombia
Mar 2016 – Jan 2017

CTO
Smartbox

- Performed executive duties.
- Reviewed company records and consulted in the revision of company goals, vision, mission statement, and marketing strategy.
- Full stack Developer.
- Create and manage the pipeline with CICD process.
- Manage Kubernetes Cluster.
- AWS Administrator.
- Migration infrastructure to AWS cloud from other solutions.

Medellín
Jan 2011 – 2016

System Administrator
Virtual Community Builders

- Creation of a server clusters to increase optimally use the physical resources of our infrastructure.
- Architecture in high-throughput systems on "Dedicated Solutions" cloud servers using OpenVZ to manage linux containers.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Worked closely with software development to design and develop robust, to meet client requirements for functionality, scalability and performance.
- Automated and implemented backup and recovery procedures, using LVM snapshots and backups externals on AWS S3 buckets.
- Implementation of own SMTP system on email marketing system to reduce expenses on external services, this system supported up to 100,000 emails per week.
- BBB (Big Blue Button) to our web conferencing system based in opensource tools, with this tool the company reduce 80% of costs on External licensed services.

Education

Medellín
– 2010

Computer Network Administration
SENA

Medellín

Software Engineer
Instituto Tecnológico Metropolitano

Pending to finish.

Skills

DevOps proficiency · System development and administration · Programming · Web development · Virtualization · Operating Systems · TCP/IP protocol · Firewalls · Network security · Troubleshooting · Bash · Docker · k8s · Website Optimization · Scripts Automation

Languages

English
Intermediate

Spanish
Advanced