

STEPHANIE ROCHELEMAGNE

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Summary

Technology leader with 15+ years of delivering cloud-native SaaS platforms. As CTO, led a successful migration to AWS using Infrastructure as Code (OpenTofu/Terraform), and implemented CI/CD pipelines, improving release frequency and system availability. Reduce downtime to less than an hour, and realize a full Disaster Recovery Plan with simulation. Strong background in Ruby on Rails observability, backend API, and managing a fully remote team across time zones.

Skills

Cloud Platforms: AWS (EC2, S3, RDS, CloudWatch, IAM, SSM), Cloud Infrastructure Architecture, High Availability & Scalability, Disaster Recovery Planning

DevOps & Infrastructure as Code: OpenTofu / Terraform (IaC), CI/CD Pipelines (GitHub Actions, Capistrano), Infrastructure Automation, Site Reliability Engineering (SRE)

Monitoring & Observability: Prometheus, Grafana, Elasticsearch, Filebeat, Cloud Monitoring & Alerting

Datastores & Performance: SQL, MySQL Optimization, Database Performance Tuning, Cost Optimization

Security & Governance: Security & Compliance, IAM & Access Control, Infrastructure Security Best Practices

Leadership & Strategy: Engineering Team Leadership & Mentoring, Cross-functional Collaboration, Stakeholder Management, Product Roadmapping

Experience

CTO | noCRM by Positive - Eden, Utah | February 2013 - Present

- Directed migration to AWS using OpenTofu / Terraform and CI/CD with GitHub Actions.
- Improved deployment efficiency and reduced manual steps.
- Led the development team through the full project lifecycle, and owned product delivery and cloud operations.
- Implemented monitoring and DR plans (S3 lifecycle, RDS optimization, replica promotion) to increase availability.
- Optimized application performance with ElasticSearch and Redis—document response time or throughput improvements.

Self Entrepreneur | Houston, USA | July 2012 - January 2013

Project Leader | CGG Veritas - Houston, USA | January 2002 - June 2012

Education

Master equivalent, Computer Science Applied To Geology | University Pierre et Marie Curie, Paris | 2000 - 2001

Master equivalent, Physical and chemical hydrogeology | University Joseph Fourier, Grenoble | 1999 - 2000

Bachelor equivalent, Geology & Geophysics | University of La Rochelle, La Rochelle | 1995 - 1999

Languages

English: Bilingual - Full Professional

French: Native - Bilingual

References

References available upon request.