

Joey Wang

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Summary:

Innovative Senior DevOps Engineer and SRE with 20+ years of experience in web development and cloud infrastructure optimization. Expert in Ruby on Rails applications, with a proven track record of revolutionizing development processes and architecting highly scalable, resilient solutions. Consistently delivers performance improvements and cost-effective cloud strategies that drive business growth.

Core Competencies:

- Cloud & DevOps: Kubernetes, Docker, Terraform, Helm, CI/CD pipelines, GCP, AWS
- Infrastructure as Code (IaC) & Automation
- Database Management: PostgreSQL, MySQL, MongoDB, Oracle
- Programming: Ruby, JavaScript, Python, Shell scripting
- Methodologies: Agile/Scrum, TDD, SRE practices
- Performance Optimization & Scalability
- Disaster Recovery & High Availability Solutions

Professional Experience:

Ably (Jan 2022 – Nov 2022): Senior DevOps Engineer

- Boosted system performance by 20% through advanced Puma and Ruby optimizations
- Spearheaded cloud migration strategy, successfully prototyping Heroku to AWS transition
- Implemented robust monitoring and alerting systems, reducing MTTR by 30%

Reallyenglish (Oct 2005 - Jan 2022): Lead DevOps Engineer / Site Reliability Engineer

- Architected and implemented a cutting-edge CI/CD pipeline, reducing deployment time by 70%
- Orchestrated a 30% improvement in deployment efficiency using Helm and Terraform on GCP
- Designed and maintained a highly available, fault-tolerant cloud infrastructure
- Led initiative to implement Infrastructure as Code, resulting in 99.99% uptime

CCOSS (Jun 2003 – Aug 2005)

Senior Linux Systems Engineer - Pioneered a groundbreaking network computing solution for embedded Linux, yielding a 40% performance boost - Developed custom kernel modules to enhance system stability and security

Key Projects:

- Microservices Cloud Migration: Led the seamless transition of a monolithic Ruby on Rails application to a microservices architecture on GCP, resulting in 50% improved scalability

and 30% cost reduction

- Kubernetes Optimization: Engineered a high-performance Kubernetes cluster for WordPress, improving scalability by 10% and reducing infrastructure costs by 25%
- Disaster Recovery Solution: Designed and implemented a multi-region disaster recovery plan, achieving an RPO of 5 minutes and RTO of 1 hour

Education:

Bachelor of Science in Computer Science and Technology, Harbin Engineering University