

# Kingston Nguyen

## Principal DevOps Engineer

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### SUMMARY

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Skilled Principal DevOps Engineer experienced in enhancing software platforms for optimal development efficiency. Expertise includes CI/CD, infrastructure-as-code tools, and cloud technology. Proven ability to lead cross-functional teams while driving security, performance, and cost-effective solutions. Passionate about mentoring engineers, cultivating collaborative environments, and influencing organizational change toward technical excellence. Engaged in integration of compliance measures within DevOps practices, ensuring adherence to industry standards. Ready to contribute to innovative projects that make a demonstrable impact in software delivery.

### EXPERIENCE

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#### Principal DevOps Engineer

CloudTech Innovations 📅 January 2022 - Present 📍 Detroit, MI

Oversee the design and continuous improvement of CI/CD pipelines and implementation of infrastructure automation strategies for a high-performing development environment. Help drive organizational initiatives aligning with business objectives while overseeing DevSecOps integration.

- Spearheaded development of expansive CI/CD pipelines, optimizing deployment frequency considerably.
- Managed frameworks using Terraform, resulting in uniformity and diminished provisioning delays.
- Teamed up with security groups to implement regulatory checks into CI/CD processes, guaranteeing streamlined compliance.
- Engineered monitoring systems enhancing platform support efficiency with reduced incident response metrics!
- Guided junior engineers on DevOps principles, fostering team enhancement and adept problem-solving capabilities.
- Established thorough deployment methods reducing manual efforts, boosting agility across release workflows.

#### Senior DevOps Engineer

DevOps Solutions Group 📅 June 2018 - December 2021 📍 Grand Rapids, MI

Executed leading-edge optimization strategies for cloud infrastructures focusing on AWS, achieving sustainable operational improvements.

- Spearheaded enhancements in AWS-based infrastructure, markedly lowering ongoing expenses while improving reliability.
- Designed containerized applications with Docker & Kubernetes for consistent scalability during deployments.
- Coordinated light security enhancements within project lifecycles to advance compliance protocols.
- Utilized collaboration to shape CLI/CD best practices led by cross-development initiatives, hitting desirable deployment rates.
- Conducted mentorship sessions stimulating growth and advocating cultural changes focused on continuous improvement.
- Generated automated configuration management scripts streamlining daily operational tasks effectively.

#### DevOps Engineer

Tech Innovations Inc. 📅 January 2016 - May 2018 📍 Ann Arbor, MI

Implemented cutting-edge CI/CD tools while facilitating transitions within technological frameworks and application performance tracking methodologies.

- Integrated CI/CD autonomously through tools including Jenkins & GitHub Actions, enhancing overall deployment metrics significantly.
- Diligently monitored app performance indicators to reveal actionable areas for resource enhancements.
- Collaboratively aligned developmental goals between teams fostering efficient production cycles.
- Supported migration operations embracing advanced cloud-native architectures as part of digital transition goals.
- Produced educational materials for DevOps instructional purposes, further enhancing existing procedural knowledge bases.
- Participated in compliance reviews, securing strong adherence to industry security standards and quality benchmarks.

### LEADERSHIP & AWARDS

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- Recipient of Service Excellence Award for exceptional project contributions.
- Received Team Collaboration Recognition for influencing effective teamwork culture.

### EDUCATION

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#### Bachelor's Degree in Computer Science

University of Michigan 🎓 GPA: 3.8 📅 2016 📍 Ann Arbor, MI

*Coursework: Data Structures, Algorithms, Software Engineering, Systems Design*

## CERTIFICATIONS

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- AWS Certified Solutions Architect – Associate 📅 2026
- Certified Kubernetes Administrator (CKA) 📅 2026

## TECHNICAL SKILLS

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- **CI/CD Tools:** GitHub Actions, TeamCity, Jenkins
- **Infrastructure as Code:** Terraform, Ansible, CloudFormation
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Containerization:** Docker, Kubernetes, OpenShift
- **Security Practices:** DevSecOps, Compliance, Risk Management
- **Automation Frameworks:** Continuous Integration, Deployment Automation, Infrastructure Automation
- **Monitoring Solutions:** Prometheus, Grafana, ELK Stack
- **Programming Languages:** Python, Bash, Go
- **Version Control:** Git, SVN, Mercurial
- **Scripting Languages:** Shell Scripting, PowerShell, JavaScript

## SKILLS

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- CI/CD
- Docker
- Ansible
- Monitoring Solutions
- Terraform
- Kubernetes
- DevSecOps
- Automation Processes
- AWS
- GitHub Actions
- Cloud Security
- Compliance Protocols
- Azure
- TeamCity
- Infrastructure as Code
- Team Development

## PROFESSIONAL AFFILIATIONS

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- Member of the DevOps Institute, engaging in professional networking and skill development.
- Active participant in tech meetups focused on sharing innovation trends and practices.

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST