

# Daichi Joseph

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## SUMMARY

Dynamic DevOps Engineer with over 5 years of experience in optimizing cloud infrastructure and enhancing software deployment processes. Proficient in managing AWS environments, implementing Infrastructure as Code, and ensuring security compliance for sensitive data. Strong background in utilizing AI-driven solutions to streamline workflows and improve operational efficiency. Demonstrated ability to collaborate effectively with cross-functional teams to deliver high-quality, production-ready applications. Eager to bring expertise in CI/CD pipelines and scalable architectures to the role, contributing to innovation and excellence in service delivery.

## EXPERIENCE

### DevOps Engineer

June 2024 - Present

Cloud Innovators LLC

New York, NY

At Cloud Innovators LLC, served as a DevOps Engineer focused on building and maintaining robust CI/CD pipelines and implementing best practices for AWS cloud environments.

- Spearheaded design and implementation of CI/CD pipelines, reducing deployment times significantly for government projects.
- Developed and maintained Docker containers while managing Kubernetes orchestration, enhancing system reliability and scalability.
- Collaborated with teams to integrate IAM protocols, ensuring compliance with industry standards for secure data management and protection.
- Automated infrastructure provisioning using Terraform, minimizing manual configuration errors and improving consistency across deployments.
- Leveraged AI tools, optimizing code reviews and automating testing processes, which significantly increased development speed and workflow efficiency.
- Documented system architecture and processes comprehensively, facilitating effective knowledge transfer while enhancing operational clarity.

### Junior DevOps Engineer

January 2022 - May 2024

Tech Solutions Group

Jersey City, NJ

As a Junior DevOps Engineer, contributed valuable support in deploying applications within AWS and optimizing pipelines for better performance.

- Assisted in deploying applications on AWS, configuring necessary security groups and VPC settings to ensure optimal network connectivity.
- Improved monitoring and alerting systems automation using Prometheus, which enhanced incident response times substantially.
- Teamed up with developers to troubleshoot production environment issues, significantly increasing overall service uptime.
- Engaged in AI prompt engineering for automated responses, enhancing reliable communication in customer support tooling.
- Wrote automated scripts in Python for routine tasks, contributing to an overall productivity boost among engineering teams.
- Participated in on-call rotations, gaining practical experience that enriched capabilities in production service management and incident response.

### DevOps Intern

June 2021 - December 2021

Eagle Tech Labs

Remote

During the internship at Eagle Tech Labs, acquired foundational skills in DevOps practices and contributed to vital CI/CD projects.

- Helped develop a CI/CD pipeline using Jenkins, resulting in improved application deployment efficiency for various client needs.
- Supported migration of legacy systems into cloud environments, focusing on enhancing both scalability and performance metrics.
- Performed log analysis using the ELK stack, identifying performance bottlenecks that led to subsequent system optimizations.
- Collaborated on an academic project researching AI integration in DevOps landscapes, sharing insights at a regional technology conference.
- Created documentation outlining cloud deployment best practices, which facilitated team training and onboarding for new employees.
- Gained concrete knowledge on containerization technologies and orchestration workflows through active involvement.

## LEADERSHIP & AWARDS

- Dean's List, City University of New York (2024)
- Hackathon Winner, Regional DevOps Challenge (2026)

## EDUCATION

### Bachelor's Degree in Computer Science

2026

City University of New York GPA: 3.8

New York, NY

**Coursework:** Software Development, Cloud Computing, Networking, Database Management

## CERTIFICATIONS

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- AWS Certified DevOps Engineer – Professional 📅 2026
- Docker Certified Associate 📅 2026
- Certified Kubernetes Administrator 📅 2026

## TECHNICAL SKILLS

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- **Cloud Platforms:** AWS
- **Containerization Technologies:** Docker, Kubernetes
- **Continuous Integration Tools:** Jenkins, Spinnaker
- **Infrastructure as Code Tools:** Terraform, Ansible
- **Scripting Languages:** Python, Shell
- **AI Tools:** Prompt Engineering, AI Integration
- **Security Compliance Standards:** IAM, Data Protection Policies
- **Networking Protocols:** TCP/IP, VPC, Route Tables
- **Monitoring Tools:** Prometheus, ELK
- **Documentation Standards:** Best Practices Guides

## SKILLS

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- AWS
- Ansible
- AI Integration
- Networking Fundamentals
- Docker
- Python
- Security Compliance
- Data Protection
- Kubernetes
- Shell Scripting
- Infrastructure Management
- Automation Tools
- Terraform
- CI/CD
- Log Management
- Configuration Management

## PROFESSIONAL AFFILIATIONS

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- Member, Computer Science Club, City University of New York
- Volunteer, Tech for Good Initiative

## LANGUAGES

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- English (Native)
- Japanese (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