

Joseph Kim

Cloud Engineer Cover Letter



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Hiring Manager
Northstar Cloudworks
Dearborn
MI 48124

Dear Hiring Manager,

I am applying for the Cloud Engineer position at Northstar Cloudworks. I have more than four years of IT experience, including over three years building and supporting GCP infrastructure. My work has centered on making cloud environments repeatable, secure, and easier for application teams to operate, using Terraform, Kubernetes, Python, CI/CD, and SRE practices.

In my current role, I built reusable Terraform modules for GCP projects, VPCs, IAM, Secret Manager, Cloud DNS, and Cloud Load Balancing. I also designed a multi-zone GKE platform with private clusters, managed gateways, workload identity, and controlled ingress. That work gave product teams a consistent way to provision environments while preserving security and availability standards. For data services, I developed Cloud SQL and NoSQL deployment patterns with backups, recovery runbooks, encryption controls, and retention settings tied to application continuity requirements.

I have also connected Git-based CI/CD pipelines to Terraform workflows, policy checks, container builds, and deployment gates, reducing manual promotion work across environments. In operations, I use Dynatrace and Splunk alongside service indicators to investigate latency, capacity, errors, and deployment regressions. At Lakeview Commerce Group, I wrote Python utilities for resource inventory, deployment validation, log enrichment, and stale-resource cleanup, while helping teams move from manually configured hosts to Terraform-managed GCP resources.

The role's combination of platform engineering, reliability, security, and modernization matches how I work. I hold a Bachelor of Science in Computer Information Systems, Google Professional Cloud DevOps Engineer certification, and HashiCorp Certified: Terraform Associate certification. I would welcome the opportunity to discuss how I could help Northstar Cloudworks build dependable, reusable GCP services for its enterprise and product teams.

Thank you for your consideration. I look forward to hearing from you.

Sincerely,

Joseph Kim

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