

# Jordan Smith

January 16, 2026

Acme Corporation

RE: Internship Kubernetes Engineer

Dear Hiring Manager,

I am excited to apply for the Internship Kubernetes Engineer position at Acme Corporation, as advertised on your careers page. As a computer science student at the University of Techland, I have developed a strong foundation in cloud technologies and container orchestration, and I am eager to contribute my skills to your innovative team.

During my academic career, I successfully led a project where I implemented a scalable microservices architecture using Kubernetes for a mock e-commerce application. This experience involved configuring and managing the Kubernetes cluster, optimizing resource allocation, and ensuring high availability of services. Additionally, I collaborated with my peers to automate the deployment processes using CI/CD pipelines with Jenkins, significantly reducing deployment times by 40%. My hands-on experience with Docker and Helm charts has also equipped me with the necessary skills to manage containerized applications effectively.

Furthermore, I interned at Cloud Solutions Inc., where I assisted in migrating legacy applications to a containerized environment on AWS. This involved rigorous testing and monitoring of applications post-migration to ensure performance and reliability. My proactive approach in identifying performance bottlenecks resulted in a 30% improvement in system responsiveness. I am passionate about utilizing my technical abilities to help teams leverage Kubernetes for enhanced scalability and resilience.

I am very enthusiastic about the opportunity to join Acme Corporation as an Internship Kubernetes Engineer and contribute to your projects while learning from some of the best minds in the industry. I look forward to discussing my qualifications further and thank you for considering my application.

Sincerely,

Jordan Smith