

Lukas Wilkins

Application for Entry Level Cloud Engineer (AWS)



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Hiring Team
Northstar Cloud Systems
Bozeman
MT

Dear Hiring Team,

I am applying for the Entry Level Cloud Engineer position at Northstar Cloud Systems. I completed my Bachelor of Science in Computer Science in 2026 and built a practical foundation in Java, Spring Boot, REST APIs, microservices, and AWS. I am especially interested in an entry-level role where I can contribute to software and cloud projects while continuing to deepen my technical skills.

For my university cloud engineering capstone, I designed a Java and Spring Boot service catalog as a set of modular microservices. I deployed containerized services using Amazon EC2, S3, RDS, and CloudWatch, then created a repeatable setup guide and environment diagram for review. I also added validation, exception handling, and unit tests after finding inconsistent responses across the catalog and request workflows. An accompanying JavaScript interface allowed 18 student testers to search services, submit requests, and report usability issues.

My other project work strengthened both my programming and data skills. In a software development practicum, I built a Spring Boot REST API, documented its endpoints, and practiced Git branching, code review, defect triage, and release checklists. In a research lab, I used Python and SQL to analyze 42,000 transportation records, built Tableau and Power BI dashboards, and compared time-series methods. I also applied introductory NLP and text-mining techniques to 3,600 rider comments. These projects taught me to learn independently, explain technical decisions clearly, and leave behind documentation that others can use.

I would welcome the opportunity to bring that combination of hands-on development, AWS exposure, and careful communication to Northstar Cloud Systems. Thank you for considering my application. I would be glad to discuss how my project experience could support your software programming, cloud engineering, or data-focused work.

Sincerely,

Lukas Wilkins

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