

# Jaylen Callahan

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## SUMMARY

Recent Computer Science graduate prepared to support Azure cloud infrastructure, automation, CI/CD delivery, and dependable software operations. Hands-on university work covered Terraform, Bicep, Azure Resource Manager templates, PowerShell, Azure DevOps, Docker, Kubernetes, Chef, Backstage.io, and .NET application delivery. Built repeatable environments, release pipelines, validation scripts, containerized services, and troubleshooting guides for supervised projects. Investigated deployment failures through logs, diagnostics, activity history, and configuration reviews, then explained findings clearly during sprint presentations and technical demonstrations. Brings curiosity, patience, and a team-first approach to collaboration with developers, QA engineers, cloud engineers, and senior DevOps professionals. Ready to contribute while growing across DevOps, Site Reliability Engineering, Cloud Engineering, and Platform Engineering.

## EXPERIENCE

### DevOps Engineering Project Assistant

September 2025 - May 2026

University Cloud Automation Lab

Kansas City, MO

Supported supervised cloud automation work for ASP.NET Core delivery, Azure environments, release operations, and platform documentation. Partnered with faculty, classmates, and project teams across development, QA, and infrastructure activities. Contributed implementation decisions, diagnostics, demonstrations, and runbooks that improved consistency across lab environments.

- Created Terraform templates for ASP.NET Core deployment, giving classmates repeatable Azure IaaS environments.
- Built Azure DevOps pipelines with NuGet restoration, .NET tests, artifacts, and staged promotion.
- Wrote PowerShell validation scripts for variables, Azure resource health, and release preparation.
- Containerized services with Docker and Kubernetes, documenting image tags, settings, and rollback steps.
- Diagnosed Azure deployment failures through pipeline logs, ARM messages, and configuration reviews.
- Presented monitoring, access control, and environment consistency recommendations during faculty release reviews.

### Cloud DevOps Capstone Contributor

January 2025 - August 2025

Capstone Software Delivery Project

*Supported .NET scheduling delivery through Azure App Service, Azure Storage, and virtual machines.*

Contributed within a five-person student team delivering a .NET scheduling application across Azure App Service, Azure Storage, and virtual-machine test resources. Focused on pipeline quality, environment definitions, release controls, and operational notes. Shared findings during architecture reviews and supported practical decisions around testing, permissions, and recovery.

## LEADERSHIP & AWARDS

## EDUCATION

### Bachelor's Degree in Computer Science

2026

University of Missouri–Kansas City GPA: 3.7

Kansas City, MO

**Coursework:** Cloud computing, software engineering, infrastructure automation, distributed systems

## TECHNICAL SKILLS

## SKILLS

## PROFESSIONAL AFFILIATIONS

## LANGUAGES

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST