Cloud Infrastructure Administrator (WhitCloud)

WhitCloud | Whitworth University, Department of Computer Science

Whitworth University seeks a student employee to assist with the administration and support of WhitCloud, the Department of Computer Science's cloud infrastructure platform. This position provides hands-on experience with modern DevOps, cloud computing, containerization, and continuous integration/continuous deployment (CI/CD) technologies.

Essential Duties and Responsibilities

- Assist with the administration, monitoring, and maintenance of WhitCloud infrastructure.
- Support Git-based source control, CI/CD pipelines, and automated deployment processes.
- Monitor system performance and troubleshoot application, deployment, and infrastructure issues.
- Assist with user account management, access controls, and platform security.
- Support faculty and student users utilizing the platform for coursework, research, and software development projects.
- Maintain technical documentation and contribute to platform improvement initiatives.

Required Qualifications

- Basic knowledge of Linux operating systems and command-line tools.
- Familiarity with Git version control.
- Strong analytical, troubleshooting, and problem-solving skills.
- Ability to learn new technologies independently and work effectively with minimal supervision.
- Strong written and verbal communication skills.

Preferred Qualifications

- Experience with Docker, Kubernetes, or cloud-based technologies.
- Familiarity with GitLab, CI/CD workflows, or systems administration.
- Experience with scripting or automation tools.

Position Benefits

- Practical experience managing production cloud infrastructure.
- Exposure to modern software deployment and DevOps practices.
- Opportunity to work with enterprise technologies used throughout the software industry.
- Development of technical, operational, and professional skills in a collaborative academic environment.