The College of Idaho is eager to welcome applications and recommendations for the position of **Software Engineer**. In this pivotal role is responsible for designing, developing, and maintaining mission-critical applications that drive the College's operations and strategic vision. This position focuses on full-stack development, harnessing the power of cutting-edge JavaScript frameworks, dynamic content management systems (CMS), and robust cloud infrastructure. As a key player on our team, you'll spark technical innovation while prioritizing security, accessibility, and performance, ensuring that our digital assets shine.

This role encompasses several key responsibilities. In the area of application development, the candidate will design and optimize database schemas and queries using MySQL and MongoDB, along with maintaining and enhancing the College's portal application and related internal systems. In terms of content management systems, the role involves working with Drupal to build and support workflows for non-technical content editors. The candidate will also focus on infrastructure and DevOps by designing and managing Continuous Integration/Continuous Deployment (CI/CD) pipelines for automated deployment, as well as implementing monitoring, alerting, and logging solutions. Additionally, this position requires leadership and collaboration skills, including the research and recommendations for emerging tools and development best practices, effective communication of complex concepts to non-technical stakeholders, and collaboration with IT team members on cross-functional projects.

The ideal candidate should possess a Bachelor's degree in Computer Science, Software Engineering, or a related field, or an application portfolio that demonstrates skills in front-end technologies such as React, back-end development with Node.js, SQL, and/or experience with Drupal CMS. Candidates should have a minimum of 3 years of experience in software or web development, preferably in the academic, media, or digital marketing sectors. Strong problem-solving and communication skills are essential, along with the ability to respond to critical system issues outside of regular business hours.

Preferred qualifications include AWS Certification(s) and experience in deploying and managing applications on AWS. A Master's degree in Computer Science, Software Engineering, or a related field is also preferred, as is knowledge of DevOps practices such as CI/CD, Docker, and infrastructure as code. Experience in higher education or mission-driven environments, as well as familiarity with security best practices for web applications, is advantageous.

Candidates must be authorized to work in the United States as of the expected hire date and throughout the date of their employment without sponsorship from The College of Idaho. A current valid driver's license is also required and candidates must be vehicle insurable.

The College of Idaho offers competitive benefits, including a tuition waiver for dependents, health insurance, a retirement plan with employer match, generous paid time off, free access to on-campus fitness centers, and free admission to campus events.

A complete application will include a current résumé, a cover letter addressing qualifications for the position, and the names and contact information of three (3) references, two (2) management and one (1) professional, to hr@collegeofidaho.edu. The review of applications will begin immediately and continue until the position is filled. As we move through the applicant review process, additional information may be requested from qualified candidates.

With over 132 years of history, The College of Idaho is a regional and national leader in higher education. The College of Idaho is an [inclusive community](#) of exceptional learning that challenges the ambitious and forges pathways to success and purpose.

The College of Idaho is proud to be an equal opportunity employer. We are committed to attracting, retaining, and maximizing academic excellence through a diverse and inclusive workforce.