

# Full Stack Software Engineer

## About CYBER.ORG

CYBER.ORG, the academic initiative of The Cyber Innovation Center, is a cybersecurity workforce development organization that targets K-12 students with cyber career awareness through curricular resources and professional development for teachers. CYBER.ORG supports national security by building and sustaining a pipeline of students who are prepared to pursue cybersecurity careers. CYBER.ORG has a footprint in all 50 states and four territories. We are looking for dedicated, creative, and highly motivated individuals to join our team. We offer tremendous opportunities in developing professionals for growth and advancement in cyber education. CYBER.ORG is dedicated to making cybersecurity education available to all K-12 students throughout the US. We believe the next generation of cybersecurity professionals should be representative of the country they work to keep secure. To that end, we seek to build a CYBER.ORG team that represents diverse viewpoints and experiences, and we are committed to creating an inclusive environment for all employees.

## Job Overview

We are seeking a highly motivated and talented individual to join our team as a software engineer. As a software engineer, you will play a crucial role in the development and maintenance of our software applications designed for K-12 teachers and students. This is an excellent opportunity for a recent graduate or someone with limited professional experience in software engineering to grow their skills and gain valuable hands-on experience.

CYBER.ORG's headquarters is located in Bossier City, LA, however, remote candidates will be considered. This position can occasionally require overnight travel to assist at professional development sessions or represent CYBER.ORG at conferences.

## Responsibilities

- Collaborate with the software and curricula development team to develop, test, and maintain software applications.
- Assist in the design, implementation, and documentation of software.
- Write clean, readable, efficient, and maintainable code following industry best practices and coding standards.
- Debug and troubleshoot software issues, identifying root causes and implementing effective solutions.
- Contribute to the development of technical specifications and user documentation.
- Continuously enhance your technical skills through self-learning and professional development opportunities.
- Collaborate with cross-functional teams to define and refine software requirements.
- Assist in testing and quality assurance activities to ensure software reliability and performance.

## Qualifications

- Bachelor's and/or Master's degree in Computer Science, Mathematics, or a related field.
- Strong knowledge of programming languages such as Python, Java, JavaScript, or similar.
- Experience and passion for K12 education is preferred.
- Prior experience with version control systems (e.g., Git) and software development tools is required.
- Knowledge of web development frameworks (e.g., React, Django, NextJS) is a plus.
- Knowledge of AWS is preferred.
- Familiarity with databases and SQL is a plus.

To apply, please send a cover letter and resume to [resume@cyber.org](mailto:resume@cyber.org).