

# DEVOPS ENGINEER

## VOLUNTEER JOB DESCRIPTION

### Position Overview

Believe in Me is a non-profit foundation dedicated to empowering marginalized children and first-generation college students. Our mission is to provide these young individuals with a nurturing environment, educational support, and opportunities to build self-esteem and joy in learning. The iLevelUP app is our latest initiative aimed at providing first-generation college students with resources, guidance, and a supportive community to help them navigate the complexities of higher education.

#### Role Overview:

We seek a passionate and skilled Volunteer DevOps Engineer to join our team. This role involves working collaboratively with our development team to streamline our software development and deployment processes, ensuring high availability and reliability of the "Believe in Me" app. As a Volunteer DevOps Engineer, you will be crucial in automating and optimizing our operations and processes, enhancing the app's performance and scalability.

### Key Responsibilities

- Implement and manage CI/CD pipelines to automate software delivery and deployment processes.
- Work closely with the development team to integrate DevOps practices into the software development lifecycle.
- Monitor, troubleshoot, and optimize performance issues in the app's infrastructure.
- Manage cloud-based services and resources, ensuring cost-effectiveness and scalability.
- Implement security best practices and monitor security systems to ensure the integrity and security of the app and its data.

- Collaborate with the team to develop and maintain disaster recovery plans.
- Stay updated on new technologies and DevOps practices, suggesting improvements to enhance system reliability and deployment efficiency.

## Qualifications

- Experience with CI/CD tools (e.g., Jenkins, GitLab CI, CircleCI) and version control systems (e.g., Git).
- Familiarity with cloud services (e.g., AWS, Azure, Google Cloud) and infrastructure as code (e.g., Terraform, CloudFormation).
- Strong knowledge of containerization and orchestration technologies (e.g., Docker, Kubernetes).
- Proficiency in scripting languages (e.g., Bash, Python) for automation tasks.
- Understanding of network protocols, security, and monitoring tools.
- Problem-solving skills and the ability to work collaboratively in a team environment.
- Passion for non-profit work and a commitment to the mission of "Believe in Me."
- Availability to volunteer for 2-3 hours per week remotely.

## Why Volunteer With Us?

- Make a tangible impact on the lives of first-generation college students, providing essential support and resources to help them succeed.
- Collaborate with a team of equally passionate individuals about education, technology, and making a difference.
- Enhance your portfolio and gain experience by leading a significant, impactful project.
- Enjoy flexible volunteering hours, accommodating volunteers from various time zones in a fully remote position.

## Location

This is a remote volunteering position with flexible hours to accommodate volunteers from various time zones.

### *How to Apply*

Interested candidates are invited to submit their resume at <https://believeinme.org/donate-your-expertise>. Please include details of your experience related to the abovementioned qualifications and share your motivation for volunteering with iLevelUP.

Join us in our mission to empower first-generation college students by leveraging your expertise and passion for technology and education. Together, we can create a platform that supports students through their college journey and inspires them to believe in their potential.