Associate Director, DevOps Engineer

Start Date: **Immediate**

Team: **Team Technology/Systems & Data**

Location: **Brooklyn, Connecticut, or Rhode Island**

Who are we? Achievement First (AF) exists to address the legacy of racism in education in America. Our mission is to deliver on the promise of equal educational opportunity for all of America's children. That is what we work for, every day. We know that all children—regardless of race, zip code, or economic status—deserve access to great schools. At the core of our approach is the shared journey by our students and staff to fulfill our incredible potential.

Just the facts. Achievement First has consistently been rated one of the top charter school networks in the country, AND we are still learning and growing. AF is a non-profit 501(c)3 organization that currently supports 37 public charter schools in New York, Connecticut, and Rhode Island. The mission of AF is to deliver on the promise of equal educational opportunity for all children. We currently employ more than 2,000 staff -- 47% of whom identify as Black, Latinx, or Multi-racial -- who collectively educate more than 14,300 students in Brooklyn, NY; Providence, RI; New Haven, Bridgeport, and Hartford CT. More than 85% of our students qualify for free or reduced priced lunch. Our students are proving what's possible by achieving breakthrough results in terms of academic achievement and long-term college persistence.

Our focus and reach extend beyond the students and communities that we serve directly. Achievement First is an engaged and prominent partner in the broader education-reform movement, partnering with schools and networks from across the country and openly sharing all of our resources with all educators free of charge. We currently serve more than 100,000 additional students through two key partnership initiatives. Our Charter Network Accelerator is an intensive cohort-based training program for CMO leaders (with a focus on leaders of color) who are looking to increase the number of top-quality options available to parents across the country; and through our Navigator Program, we provide coaching and support for district and charter schools who want to adopt and adapt our curriculum and instructional practices to help students achieve breakthrough results.

Why work at Achievement First? First and foremost: you should work at AF if you believe in our values and want to surround yourself with people who share them. We are committed to leading for racial equity. We approach our work with humility, humanity, and the recognition that both what we do and how we do it must model the equity we seek. We strive for excellence by setting a high bar in all areas and pursuing it relentlessly. We care about the whole person and are known to be as warm as we are demanding. We choose joy and actively seek out moments of humor, gratitude, and deeper purpose for ourselves and with each other. We know that we will go further together and intentionally choose to join forces on both

big and small things. We name brutal facts, embrace challenge, and see our mistakes as opportunities to get better.

Finally, come to Achievement First if you want to help support schools that are striving to not only close the achievement gap but also to redefine what's possible in education. We are obsessed with getting better and are working to create some of the best schools in the country - schools that support not just student's academic success but also their social-emotional learning, identity development, independence as learners, passion/enrichment/extracurriculars, and life-long fulfillment. AND, at AF, we believe getting better starts with looking in the mirror. We have done a lot of that lately, as we have more aggressively confronted our own biases and unacceptable gaps in our student experience. We are committed to addressing inequity within our systems, culture, and talent with resolve to walk the long road ahead to the true equity and opportunity that our kids and families deserve. So, come to Achievement First if reflection, challenge, and growth feed your soul.

The Opportunity
Achievement First is seeking a self-motivated process-oriented DevOps Engineer to support our growing cloud technology stack. In addition, the engineer will work with other members of the data and full stack developers to install, maintain, and support the cloud web application and data infrastructure (AWS/Azure) required to meet the current and future needs of the Achievement First network. The engineer will provider Tier 1 and environment triage support to our development team. They will be responsible for ensuring that new features/options are implemented within our technology stack as they become available and create plans for reducing technical debt that has accumulated within the platforms themselves over the years. They will be entrusted to implement change as this role comes with the opportunity to part of a dynamic team that is creating the data infrastructure for our future tech needs.

Responsibilities of the Associate, DevOps Engineer will include but are not limited to:
- Build and maintain automation to provision cloud infrastructure
- Support other devops activities such as defining cloud configuration and CICD processes
- Plan and execute administrative activities (i.e., environment/database backups, system logging, alerting)
- Analyze the technology currently being used and develop plans/processes for improvement
- Work closely with developers to ensure application scale and deploy as anticipated
- Partner with network infrastructure team to address security issues (data breaches, account hijacking, application failures, etc.)
- Develop technical documentation: design diagrams, system functionality, data flow and interface specifications
- Work with Director of Network & Cloud infrastructure to plan and execute improvements to the cloud infrastructure environment
- Occasionally providing support off-hours and remotely when necessary

- Able to communicate effectively with technical and non-technical

Skills and Characteristics:
- Experience with infrastructure-as-code tools (such as Terraform, AWS CloudFormation, Puppet, etc.)
- Strong scripting skills using Python/PowerShell
- Experience with Docker container orchestration using Kubernetes, ECES or EKS
- Minimum of 1-2 years of experience with a background in AWS or other cloud providers
- Experience with monitoring tools such as AWS CloudWatch, DataDog
- Excited by the prospect of optimizing an organization's cloud network infrastructure
- Passion for automation, quality, and lean/agile approach
- Can communicate well with others
- Are self-starting and can work independently
- Like to work with others as a team
- Team player possessing strong analytical as well as technical skills and can communicate the logic behind technical decisions.
- Ability to grasp new concepts quickly

Educational Background and Work experience:
- 1-2 years of professional experience as a DevOps Engineer or equivalent bootcamp/educational experience
- Understanding of DNS, SSL, Firewall, and networking concepts (VPC, Subnetting, routing, VPNs)
- Experience with Git, Jenkins, and Jira
- [Preferred] Knowledge of data warehousing and analytical databases
- [Preferred] Experience working with automation tooling (Terraform, Ansible, etc.)
- [Preferred] Experience working with containers (Docker, Compose, Kubernetes)

Compensation
Salary for this position is competitive and commensurate with experience. Additionally, Achievement First offers a comprehensive benefits package.

To Apply:
To apply, please attach your resume and cover letter through this web form:
http://bit.ly/ADDevopsEngineer

Applications will be accepted on a rolling basis until the position is filled. Candidates are encouraged to apply as soon as possible. Only qualified candidates will receive a reply.

Achievement First is an equal opportunity employer and an organization that values diversity. People from all diverse backgrounds are strongly encouraged to apply. You can learn more about diversity at Achievement First here: http://www.achievementfirst.org/about-us/diversity/ .