Infrastructure Engineer 🛠️

Company Description 🧩

Alexandria Technologies helps students like you unlock the collective wisdom hidden in your reading and listening experiences. We're building a digital sanctuary where your annotations on books, podcasts, and audiobooks become your personalized knowledge library that connects with others pursuing intellectual growth.

As a public benefit corporation with clear commitments, we elevate education, deepen critical thinking, and foster authentic connections through shared ideas. Students and professionals will join Alexandria because knowledge multiplies in value when explored together.

Every annotation you create will strengthen your personal knowledge ecosystem while remaining fully yours. We're pioneering an approach to learning where your unique perspective enriches understanding for everyone you choose to connect with.

Join us in building something extraordinary from the ground up: a platform where your ideas evolve through conversation and your academic journey gains deeper meaning through genuine connections you create.

Overview 🔭

We're looking for someone to join our innovative team as an Infrastructure Engineer! In this role at our company, you'll design and implement robust platform/infrastructure solutions. You experience in network architecture, cloud computing, and security will be key to optimizing our systems for performance, scalability, and reliability. Collaborating with various team members, you'll play a key role in enhancing our infrastructure to support our growing organization's needs and goals. This role will be a non-paid internship.

Responsibilities 🎯

- Manage and maintain infrastructure systems such as servers, networks, and storage devices
- Troubleshoot and resolve hardware and software issues to ensure system uptime
- With guidance, implement security measures to protect infrastructure and data from cyber threats
- Monitor system performance and make recommendations for improvements
- Collaborate with cross-functional teams to plan and implement infrastructure projects
- Perform regular backups and disaster recovery procedures to prevent data loss
- Develop and maintain documentation of infrastructure systems and processes
- Stay current on industry trends and best practices in infrastructure management

Requirements 🔍

- Experience with cloud platforms such as Azure or AWS
- Expertise in at least one scripting language such as Python or PowerShell
- Strong knowledge of networking concepts, protocols, and security
- Experience with CI/CD pipelines and automated deployment processes
- Familiarity with monitoring tools such as Microsoft Application Insights, Azure Monitor
- Ability to troubleshoot and resolve complex technical issues
- Excellent communication and teamwork skills
- Strong problem-solving skills and ability to work independently or as part of a team

Nice-to-haves 🌟

- A love of books, audiobooks, and/or podcasts
- An avid note-taker
- A humane/responsible tech certificate/degree

Tech Stack ⚙️

Included, but are not limited to:

- Microsoft Azure
- Microsoft Azure SSO
- Microsoft Azure MFA
- Microsoft Azure AD
- Microsoft Azure DevOps
- Terraform/Ansible
- M365 (Microsoft 365)
- PowerShell/Bash/CLI/Python
- Mobile technologies across iOS and Android, Desktop

Interested? 📝

If this opportunity sounds exciting or intriguing to you, please email jobs@alexandriatechnologies.net with

- What role you're applying to in the subject line
- A link to your LinkedIn and/or resume/portfolio
- A cover letter. Please make sure to talk about why you're interested in both the role and the company