Software 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 🔭

Join our innovative team as a Software Engineer! We are looking for a passionate and skilled Software Engineer who thrives in a hands-on role with a focus on owning the quality of the code and systems they develop. Our ideal candidate will be responsible for driving the end-to-end delivery of features and systems. As we are developing a cross-platform solution, you will be responsible for creating applications that can run seamlessly across a variety of platforms, including desktop, mobile, and web. You will be expected to write clean, maintainable, and efficient code using the latest cross-platform development frameworks and tools such as React Native, NextJS. You will also work closely with the product design to ensure a consistent and user-friendly experience. 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
- End-to-End Development: Own the design, development, testing, deployment, and support of features and services from concept to delivery.

- Quality Ownership: Ensure high code quality, performance, and maintainability by following best practices and conducting thorough code reviews, automated testing, and performance monitoring.
- Collaboration: Work closely with cross-functional teams, including product managers, designers, and fellow engineers, to define and deliver features that meet both business and technical objectives.
- Continuous Improvement: Proactively identify areas for improvement within the codebase, infrastructure, and development process. Drive solutions that increase team efficiency and code quality.
- System Reliability: Monitor the health and performance of services and ensure timely resolution of issues and bugs.
- Technical Innovation: Stay current with new technologies and trends to ensure the systems you build are modern, scalable, and aligned with industry best practices.
- Proficient in one or more cross-platform development frameworks (e.g., React Native, NextJS)
- Knowledge of application and database security
- Prepare design documentation and present design concepts to stakeholders.

Requirements 🔍

- Experience with cross-platform and mobile application development. This includes the whole process, from the first line of code to publishing in the store(s). IE: JavaScript, React, ReactNative, NextJS
- Experience with cloud platforms such as Azure or AWS
- Experience integrating cloud such as Azure Key Vault, Managed Identities, AuthN/AuthZ, Azure AD, EntraID
- Strong understanding of software architecture and design patterns
- Strong understanding of REST, API, RESTful API and mobile libraries for networking. Frontend: axios,; Backend: .NET, C#, Entity Framework / Entity Framework Core - EF Core
- Experience in writing unit tests and implementing continuous integration/continuous deployment (CI/CD) workflows
- Excellent problem-solving and critical thinking skills
- Strong communication and collaboration abilities
- Familiarity with various mobile and desktop operating systems (e.g., iOS, Android, Windows, macOS) • Proficiency with writing automated / integration tests
- Familiarity with the JSON format
- Experience with profiling and debugging mobile applications
- Strong knowledge of architectural patterns - MVP, MVC, MVVM, and Clean Architecture - and the ability to choose the best solution for the app
- Experience and familiarity with Git
- Experience and familiarity with push notifications

Tech Stack ⚙️

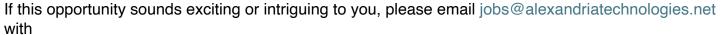Included, but are not limited to:

- 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

Nice-to-haves 🌟

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

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