Job Description – Connect Financial Software Solutions

Title: Software Architect

Reporting to the Chief Technology Officer
Based at: Remote or Company Headquarters, Sandy, UT
Reviewed: 07/03/2024

I. INTRODUCTION

Connect Financial Software Solutions (CFSS) specializes in building, hosting, and supporting information technology solutions for the credit union industry. Specifically, Home and Mobile banking, Account Opening, Internet Lending, Electronic Document Solutions as well as Branch Automation.

The Software Architect has the following role:

Working with the CTO, development and implementation teams you will ensure we maintain a focused, unified technical vision for the Emerge platforms. To support our customer deployments, it is critical that the platform remains stable, secure and perform to our customer expectation.

To ensure this, you will be working with the development teams so that new features are integrated successfully into the existing architecture. Working with Infrastructure and Implementation teams you will consider their usage of the platform and consider how the architecture can be evolved to meet their needs.

As we improve the existing platform you will plan and coordinate changes to historical components that will allow us to maintain a clean architecture across all channels (web and mobile).

As the Strategy team consider new third-party integrations, you will consider the impact to the platform and work with the development teams to integrate them appropriately.

II. MAJOR DUTIES

Key responsibilities and accountabilities:

- Help define, document and evolve the software architecture for the Emerge Platform.
- Work with the cross functional development teams to ensure we maintain a unified technical architecture across the Emerge Platform.
- Work with Infrastructure and Implementation teams to understand the how they use the Emerge platform and how it can be improved to support their requirements.
- Maintain and document the emerge architecture including API's and key third-party integrations.
- Help teams optimize the platform with a focus on stability, security and performance.
- Communicate effectively with various departments internally and occasionally with clients.
- Evaluate new technologies that can be used to enhance the Emerge Platform.

III. REQUIRED COMPETENCIES AND ORGANIZATIONAL RESPONSIBILITIES

Skills & Experience

- Strong knowledge of software design patterns and architectural best practice
- Delivering secure, high volume, transactional software architectures
- Communicating design and architectural patterns
- Development background, preferably with Microsoft Technologies
- Understands API interactions end-to-end, specifically with RESTful APIs.
- Full product development lifecycle specifically within an Agile, TDD and BDD environment
- Understands the current development landscape, architectures, trends, and emerging technologies.

Preferred

- Financial Services experience, especially with Credit Unions.
- Experience migrating to the public cloud (AWS, Azure or GCP)

IV. Education and Other Requirements:

- Bachelor's degree in Computer Science, Information Technology or equivalent work experience.