

Software Architect

Job Type: Full Time
Location: Midtown Atlanta
Reports to: VP of Engineering

Company Overview

First Performance develops the next generation of financial card controls and digital engagement, using the latest technologies: AI/machine learning, geolocation, chatbots, and more. Our API platform enables processors and financial institutions to empower their cardholders to use, manage, and control their finances digitally.

First Performance is a global company headquartered in Midtown Atlanta's hub of technology and innovation and has offices also in Santiago, Chile and Sao Paulo, Brasil. We are backed by some of the largest and most respected financial and corporate investors including MasterCard, Fiserv/First Data, Synchrony Financial, Regions Bank, RRE Ventures, and Thandorf.

Everyone at First Performance brings purpose and passion to work every day. Our teams are small, dedicated and collaborative. Individuals are given ownership and accountability for their work. Our company is not just about technology, it's about people. We help employees to build great careers and live great lives. Our goals are about achieving success for our customers and for our company. If you love to invent, have an entrepreneurial spirit, and strive for operational excellence, we want you on our team!

Position Description

First Performance is seeking a leader and visionary to join the team as our Software Architect. We are looking for someone who was a former software and/or dev ops developer, grew into a lead engineering role, has experience working with teams both domestic and international, and is looking to build cloud and enterprise products to scale as needed to handle tens of millions of requests a day and beyond.

This critical role carries significant responsibility for establishing the technical vision and direction for product, engineering, and operations teams at First Performance, as well as for assisting and reviewing day-to-day engineering activities and work products to ensure our development is staying on track. This includes working closely with our engineering, product, and operations teams to ensure design, implementation, and run-time performance is tracked, measured, and maintained once code reaches production. You will also be working directly with clients and prospects to better understand the product needs.

You will be responsible for finding solutions to market needs and taking the product from prototyping to enterprise level software.

A candidate for this role should have 5+ years experience with designing and maintaining: software architecture, cloud deployment architectures, and continuous integration and deployment. We strive to be on the forefront of best practices in the realm of software development and delivery and are looking for someone to continue pushing us to improve the way we deliver value to our customers.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- **Architectural Direction:** Define, establish, and implement comprehensive, yet practical strategies to ensure the quality of First Performance's products. Architectural strategies must consider all processes for the Product and Software Development lifecycles and operations pipelines.
- **Rapid Prototyping:** Determining what should be included for a proof of concept and what assumptions need to be validated.
- **Technical Requirements:** Determine what the technical requirements are based on the overall product requirements.

- **Data-driven:** Identify key assumptions in architectural strategy and take a data-driven approach to validating assumptions and increase likelihood of success, adjusting architecture and processes as needed for continuous improvement.
- **Communication and Collaboration:** Develop and maintain a strong working and personal relationship with the First Performance product, development, operations, and support teams to ensure plans account for ample time required to bake-in quality from product inception through implementation to delivery.
- **Automation:** Work side by side with engineering leaders to enforce 'automation first' strategy through the entire SDLC and all operations pipelines, ensuring security is integrated into the CI/CD pipeline and quality is delivered.
- **Quality:** Make sure quality is built into any design development effort from the start; even during the planning phases and not just when coding starts.
- **Team Mentorship:** Inspire and engage others to embrace change in order to build upon the strengths of First Performance team members, increasing and providing career growth.

Qualifications

- Proven experience (5+ years) building or architecting highly scalable and reliable software systems
- Experience and knowledge of either Node.js or Python
- Proven experience (3+ years) architecting software for cloud deployments
- Expertise with automated testing practices - unit, integration, and end-to-end V&V
- Experience with cloud hosting environments
- Experience with databases
- Strong understanding of security principles
- Familiarity with payments preferred
- Understanding of performance tools, metrics and benchmarks
- Excellent communication skills in verbal and written English
- Proficiency with agile methodologies
- Proficiency with modern coding principles, software life-cycles and deployment practices
- Understanding of modern software stacks
- Identify bottlenecks and pain points and directs efforts to address the challenges in a data-driven manner.
- Focus on continuous improvement by setting up processes that track issues, allow us to learn from them, and incorporate those learnings to prevent recurring issues.
- Experience with Machine Learning a plus
- Experience with Spark/PySpark, Pandas, and Jupyter Notebooks a plus

Benefits

First Performance provides a full range of benefits for our global employees and their eligible family members.

- Health, dental and eye insurance
- 401K
- Paid vacation and time off
- Equity participation in company

Contact Info

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