

Clear Demand Company Overview

Clear Demand is the leader in Intelligent Price Management and Optimization (IPMO) for retail. We were the first company to deliver an omni-channel lifecycle pricing solution that synchronizes prices, promotions, and markdowns online and in-store to produce a consistent brand and shopping experience. Clear Demand is the leading innovator in retail pricing solutions with patented science that analyzes historical sales to understand shoppers' sensitivity to price and generate price and promotion strategies that account for pricing rules, cost changes, and competitor prices to achieve profit and revenue goals. Architected on big data and delivered through Software-as-a-Service (SaaS), Clear Demand's Intelligent IPMO solution can be administered from a public or private cloud. Clear Demand's innovations in retail science simplify adoption and use, while allowing retailers to see value in just weeks with more transparency and minimal disruption to existing business.

Clear Demand offers a competitive salary with stock options and a benefits package, including medical, dental, 401k.

Job Description – Senior Distributed Systems Engineer

The Senior Distributed Systems Engineer is responsible for developing distributed systems management software at Clear Demand. This includes internal automation scripts and system software enabling component communication and management, data streaming and pub/sub infrastructure. This is a high-impact role that will help shape the future of technology at Clear Demand.

Duties:

- Maintain scripts for RSIM, Clear Demand's optimization engine
- Select, implement, and support a new data streaming platform at Clear Demand
- Support and contribute to development of stream-based data pipelines
- Developer support and training

This position has Required Skills essential for the job and Additional Skills. Candidates must have the required skills to succeed in the job. Additional skills are a plus.

Required Skills:

- 3+ years developing and / or administering distributed systems
- Experience developing and/or administering streaming and / or event-based applications using at least one of Apache Kafka, Amazon Kinesis, Google Pub/Sub, Azure Event Bus (Kafka preferred).
- Strong knowledge of unix, preferably Ubuntu Linux
- Strong knowledge of standard data marshalling and inter-process communications protocols
- Knowledge of contemporary agile development processes and tools, preferably using git and Atlassian tools
- Cloud infrastructure management experience, preferably GCP
- Information security fundamentals
- Advanced scripting in at least one of bash, Python, Perl (Python preferred)

- Integration and performance testing

Additional Skills:

- Windows system administration
- C, C# or Python software engineering experience
- Data science skills
- Database administration
- Advanced Information security

Education:

- Bachelor's degree in computer science or an engineering field preferred.