Distributed Systems Engineer (Senior), Project Pravega

Dell Technologies is a unique family of businesses that provides the infrastructure for organizations to build their digital future, transform IT and protect their most important asset, information. We are an organization that embraces risk, change and makes big, smart bets. Our unique structure as a family of businesses enables us to attract the very best talent to innovate like a startup while offering the trust, service and global scale of a large enterprise.

Dell Technologies is a market leader in some of the most significant product segments, #1 as defined by IDC, and positioned as a "Leader" in 13 Gartner Magic Quadrants. Across Dell Technologies, we stay ahead in innovation through investment and invention. We invest $4.5B annually in R&D and have 23,400 patents and patent applications. Additionally, Dell Technologies was ranked #17 on the Intellectual Property Owners Association Top 300 Patent Owners list for 2016.

The world has changed fundamentally in the past decade with applications that process data and extract critical insights in near real-time. The software technologies that enabled such applications have sparked the creation of an unprecedented number of popular applications and continues to do so. Over time, however, the complexity of applications has increased in a way that existing software stacks are not able to accommodate current requirements of volume, elasticity, consistency, and parallelism.

Pravega is a project that we started to satisfy such demanding requirements. Pravega is storage for streams: it exposes stream as a core storage abstraction. Streams are unbounded and elastic while guaranteeing strong consistency guarantees. Pravega is a very young project, and we have already opened our repository to establish a community (http://pravega.io).

The project is seeking to hire senior software engineers that have experience building and running distributed systems. A candidate must have a proven record of experience working with distributed systems while also being able to reason about the design, architecture, and properties of such systems. As Pravega is open source, experience working with open-source communities is highly desirable.

Specific requirements for the candidate:
- 5+ years of development experience
- Degree in Computer Science or equivalent; a graduate school degree, MSc or PhD, is definitely a plus
- Excellent coding and algorithm skills is required
- Java proficiency is required
- Knowledge of networking concepts is required
- Experience implementing TCP/IP applications is required
- Experience with messaging technologies concepts, e.g., RabbitMQ, ActiveMQ, Kafka, JMS, AMQP, is desirable
- English is the main vehicular language, so English proficiency, written and spoken, is a must
- Excellent analytical skills, specifically, being able to come up and reason about the design of distributed systems
- Knowledge of stream analytics is desirable
- Ability to work with open-source communities is desirable

Title: Distributed systems engineer
Company: Dell EMC
Location: Seattle, USA; Bangalore, India; Barcelona, Spain
Apply Now: flavio.junqueira@emc.com