PRINCIPAL SERVER ENGINEER
ABOUT THE DIVISION: XUMO ENGINEERING

XUMO is a leading entertainment technology company, bringing the best in digital video direct to consumers on the screens that they love and use most. As the leading software-based free, OTT TV service, XUMO has successfully combined live streams, over-the-air TV and video-on-demand into one, easy-to-use experience that is free to access, stream and use. XUMO has developed a brand-new way for: consumers to enjoy the television they love, content owners and producers to stream live or on-demand directly to their fans' screens, and advertisers to monetize in the rapidly growing connected device space. XUMO is available in the U.S. and Canada on multiple streaming platforms including LG, VIZIO, Hisense, Panasonic and Samsung smart TVs, Roku and mobile devices.

XUMO is seeking an experienced Principal Server Engineer to join our diverse engineering team and contribute to the development of our core backend server components. XUMO provides video streaming services for millions of users and as a senior engineer you'll be empowered to take a lead role across several exciting and technically challenging projects within an entertainment focused and technology driven company. Our company ethos rewards creative problem solvers, quick learners and coders with a clear regard for user experience and service stability. This is a fantastic opportunity to get in at the ground level of our next exciting project.

JOB SUMMARY

The Principal Server Engineer will work closely with other development teams, product management, and QA to define and implement new offerings while ensuring the continued functionality of the existing IPTV system. This position will be responsible for implementing solutions that include database schema and business logic as well as some presentation layer work. You must be adaptable and be able to use existing methods while executing industry best practices to develop new techniques to create state-of-the-art features, services and platforms with the highest levels of security, reliability, efficiency and scalability.

As a Principal Software Engineer will be responsible for the detailed design and the day-to-day running of a software development team, act as the lead/chief engineering for content core platforms, drive the detailed software architecture and design across all work streams for high traffic video streaming server systems targeted for a client devices and applications like Smart TV, Roku, Apple TV, Chromecast, iOS and Android. Also, you will be driving the development and maintenance of multiple core server components which processes video files and video metadata off-line and real-time by designing the specification and architecture to develop such pipeline and operation platforms.

CANDIDATE REQUIREMENTS:

- B.S. in computer engineering or equivalent
- Coding excellence with over 8 years of software development experience

- 8+ years qualified experience with Java, with JEE and/or Spring, Spring Boot
- 5+ years' experience building web service APIs (REST/SOAP) and HTTP/SSL protocol
  or 5+ years database expertise (MySQL, PostgreSQL, Oracle, MongoDB)
- Proficient at working with Kubernetes, Docker, Vault, Consul and Cloud Platforms & CSP eco-systems, such as AWS, Azure, Google Cloud
- Success shipping media products involving video metadata, Image and Video files, streaming (MPEG Dash/HLS/mp4) and codecs (H.264/AVC, HEVC).
- Talented as a hands-on, full stack developer/architect
- Strong analytics, problem solving and communication skills
- Adept at working with large scale distributed systems and micro-services system design
- Confident working with sensitive data flows, and processing, caching of unstructured data
- Skills to debug and understand large java and SQL code base.
- Agile/Scrum development experience
- Enterprise business application development experience
- Skilled at defining and refining requirements