Job Description

Gracenote is the top provider of entertainment information, creating industry-leading databases of TV, movie, and music metadata for entertainment guides, applications and in car entertainment. Our technology serves billions of requests daily to hundreds of millions of devices around the world. Our customers include innovators like Apple, Twitter, Google, Spotify, M-GO and Hulu, top consumer electronics and cable companies, as well as leading automotive manufacturers such as Ford and Toyota, throughout the US and the world. Simply put, data provides you with an opportunity to impact the evolution of the entire entertainment industry.

We are presently looking for a **DevOps or Senior DevOps Engineer** to support and develop various tools for cloud and DevOps based deployment and operation / Large scale log processing (hundreds of thousands of transactions per second) and analytics, who will be based in Seoul, Korea.

The Gracenote service is a unique, high performance, massively scalable media recognition system tailored to the exploration of music, video and sports. We process billions of queries each day from millions of users across the globe, with an average response time in milliseconds. The service is the technology behind many of the most exciting desktop, mobile, automotive, and consumer electronic products and apps in the marketplace today.

**ROLE**  
Support and development of various tools for cloud and DevOps based deployment and operation / Large scale log processing (hundreds of thousands of transactions per second) and analytics

**RESPONSIBILITIES**

* Design and implement a cost efficient autoscaling algorithm in the cloud environment
* Efficiently process a large amount of logs (hundreds of thousands per second) and pipe to various analytics modules
* Implement a flexible log analytics system which can visualize various aspects of the queries
* Implement various DevOps related tools and APIs to support other development teams
* Educate and support the use of various DevOps tools (Chef, Docker, etc.) to other development teams
* Implement new features of asset management APIs to store multimedia fingerprint and metadata

**REQUIREMENTS/QUALIFICATIONS**  
*Basic requirements:*

* Bachelor’s degree (B.S.) or equivalent in Computer Science
* Experience in Unix/Linux based development environment
* Experience with at least one of the following programming languages: C/C++, Python, Go, JavaScript
* Knowledge in network and multithread programming
* Knowledge in data structure and algorithms
* A passion for problem solving

*Bonus qualifications:*

* Experience with mission critical services
* Experience with NoSQL databases (implementation or application to production services)
* Experience with asynchronous IO (Boost, libevent, IOCP, etc.) and high throughput server implementation
* Experience with large scale distributed systems (implementation, analysis, and troubleshooting)
* Experience with log and metric collection and analytics systems
* Experience with map-reduce based systems (Hadoop etc.)
* Experience with cloud environment and tools (Amazon AWS and its tools)
* Experience with DevOps tools (Chef, Docker, etc.)
* Ability to fast prototype API servers for web applications
* Ability to develop mobile apps (iPhone and Android)

Our passion for music, TV and entertainment on the open road, is at the heart of everything we do. But, what really makes us tick is our people. From Emeryville to Tokyo and Queensbury to Copenhagen, we are building the team that’s going to disrupt the digital universe. This starts by creating a workplace where all things entertainment is celebrated and innovation can come from anyone, not just people with offices and fancy titles.  So if you are interested in being mission critical and on the leading edge of global entertainment technology then please contact us today!

**Gracenote is an EOE M/F/D/V**