

Pixels Limited, formerly known as Pixel Media Group that includes Pixel Media, Adsfactor, and Snap Mobile, is the leading Asian-based multi-screen digital advertising company with headquarter in Hong Kong, SAR and offices in Greater China, Singapore and Malaysia. We have over 100 advertising and media professionals serving the industry in the past 12+ years who specialize in helping advertisers reach their marketing objectives in this digital world while helping publishers to monetize their digital properties.

Senior Infrastructure Developer

We're seeking out a skilled Senior Infrastructure Developer to work on the design, development, and maintenance of backend infrastructure of our web and mobile applications. Our web / mobile application runs on an array of servers and handles a huge amount of (growing) traffic daily!

As a member of the DevOps team, you will be working on developing and extending our existing web and mobile application as well as improving system speed, stability and scalability. Your job role will also have you working on exploring new technologies and web / mobile products related to our industry of online media and ad serving.

You understand backend infrastructure like the back of your hand; technologies like Redis, MongoDB, memcached, load balancers, queue servers, heartbeat, failovers, high-availability database clusters, message passers, streaming data, data warehouses, service objects and distributed systems roll of your tongue easily.

You know how to architect a high-availability, fault-tolerant, web-scale system that handles thousands to millions of requests per second all built on the back of Amazon Web Services (AWS). You're all ready to roll up your sleeves and hit the AWS console to create and deploy the perfect system all by yourself.

Of course, all the backend infrastructure won't do anything without any system running on it, so you're also familiar web-scale technologies and frameworks, developing in languages like Ruby, Python, PHP, node.js and with frameworks like Rails and Django. You know how to make sure that the system can run and execute on your perfectly designed infrastructure.

Last but not least you'll be pursuing R&D work on big data models, data analysis, high-availability fault resistant application architecture and working out new ways to use cutting-edge technology to reach our goals.

Desired Skills & Experience

- Experience with software development / server management / infrastructure deployment, with at least 2 years in development and coding role
- Proficient in Cantonese and English
- Experience with designing / maintaining / tuning high-availability, fault-tolerant, web-based server and services architecture
- Highly proficient in managing and deploying infrastructure on AWS
- Knowledge of web development technologies (PHP / Python / Ruby / MySQL / CSS / JavaScript / HTML)
- Knowledge of frameworks such as but not limited to Django / Rails / Laravel
- Working of the LAMP and other open source stacks
- Experience in managing / maintaining / tuning a fleet of Linux servers
- Knowledge of various database and caching environments
- Prior experiences with online ad-server technology a STRONG plus
- Ability to work both independently and with a team
- Strong desire to experiment and test out new technologies
- A "can-do" attitude with a hands-on, roll-up-your-sleeves work ethic; comfortable with multi-tasking and handling conflicting priorities