Our innovative and growing company is looking for a software performance engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for software performance engineer

- Tune various tiers (UI, network, Java application, database, and storage) to ensure cloud applications can support enterprise scale customers
- Propose resolutions for software/hardware changes and upgrades to address identified bottlenecks and support higher throughput
- Utilize various scripting languages, Java, and standardized tools to mimic real world production and generate load against internal test environment
- Developing and enhancing innovative tools for architectural exploration and performance analysis
- Running experiments on real and simulated platforms
- Understanding real-world use-cases and building workloads to model them
- Contributing to future server designs
- Collaborate with Development SCRUM teams and Architects on application and system performance impacts
- Review performance test plans, results and develop capacity planning guides
- Ensure high quality product for our customers by validating and help improving on performance, stability, scalability, and reliability

Qualifications for software performance engineer

- Experience debugging the Linux kernel in order to understand specific behaviours or uncover defects
- Demonstrable experience with configuring or building Unix systems

- Knowledge of Internet caching applications and architectures (Nginx, Apache Traffic Server, Varnish,) in production settings
- Strong understanding of the Internet stack networking protocols and experience