Our company is looking for a performance engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for performance engineer

- Define and implement an effective performance engineering strategy and load/stress testing methodology for a set of multi-tenant, high traffic web applications built on Ruby, Java and PHP
- Work with product management, QA and engineering leads to gather SLAs and non-functional requirements to model scenarios for load/stress testing, monitoring and performance tuning
- Define, own and report on KPIs for application performance and scalability
- Profile all aspects of the software and technology stack using diagnostics tools to identify areas causing suboptimal performance, lead root cause analysis and fix efforts to remediate issues
- Advise product management and engineering leads on application performance to enable the team make informed decisions when designing new products/features
- Actively participate in technical designs and source code reviews to provide feedback and guidance on design best practices and help the engineering team 'design for performance
- Collaborate with Dev Ops and engineering staff across the company and technical stacks to share knowledge, tools and best practices on performance engineering and scalability topics
- Maintain documentation of test plans and their results
- Create and maintain environment sizing guides and help scope resource needs
- Handle special requests from operations for hardware testing and certification

- Participate in tire tests and R&D sessions at SOVA and/or Calspan
- Interface with tire suppliers to gather tire test data and perform fitting routines to
- In depth knowledge of performance tires including testing & CAE modeling
- Strong knowledge of vehicle dynamics theory
- Ability to coordinate projects across multiple teams and race series
- Highly motivated self-starter with excellent communication skills and a flexible approach