KAI Square is looking for a Full-time Senior Database Administrator.

Key Responsibilities:

* Automate and build up scalable systems/environment and databases using the latest technologies (e.g. Kubernetes).
* Automate security hardening in testing, deployment and production setup based on industrial best practices for databases and sub-systems.
* Setup and maintain CI/CD, automated testing, development and delivery environments, especially for databases.
* Writing scripts/programs for service monitoring and health check of all systems.
* Day-to-day monitoring, backup, deployment and maintenance of all systems.
* Perform application and operating system setup, deployment, and maintenance.
* Troubleshoot issues on systems.
* Provide operating guidance, training and troubleshooting documents to internal and external parties.
* Automate and maintain orchestration of cloud platforms in software-defined data centers.
* Fine tuning of overall system performance and managing large clusters of servers.
* Optimization of databases to achieve highest throughput and performance for production use.
* Work with development team on database design and implementation.

Requirements:

* Diploma/Degree in Electrical Engineering, Computer Science, Communications Engineering or equivalent.Minimum 5 years in software development industry or server infrastructure setup.
* Minimum 3 years of experience in database administration & tuning, both in NoSQL and relational databases (e.g. MongoDB, MS SQL).
* Experience with at least one of the following Virtualisation Technology/Platforms: VMware, Xen, KVM, OpenStack, Cloud Stack, Azure Stack.
* Experience with cloud orchestration, configuration management, and auto-scaling techniques.
* Thorough knowledge of networking, routers, switches, and WiFi setup.
* In-depth knowledge of storage technologies, such as NAS, SAN, SDS.
* Experience with automation tools such as Salt/Chef/Puppet/Ansible.
* Experience with load balancing setup for TCP/IP, HTTP, DNS, routings.
* Knowledge of computer hardware components and ability to restore faulty servers to working condition.
* Experience in coding or scripting languages such as bash, windows batch, perl, python, etc.
* Ability to install, use and configure various Linux Operating Systems, such as Redhat, Ubuntu, and databases.
* Experience in system installation planning, execution, routine maintenance activity, and scheduling.
* Advanced troubleshooting, problem analysis, and critical thinking skills, especially in databases.
* Experience in the documentation for manuals, guides, troubleshooting, and system design.
* Experience in tuning system performance in terms of network, disk iops, memory, and CPU usage, especially database cluster.
* Advanced knowledge in Video Streaming, Codec and also how GOP (group of pictures) work and interact with the player.
* Advanced knowledge in a Application level with network layer protocols that support video streaming and decoding.
* Advanced knowledge in building scalable and production-grade modules, tools and UI.Ability to work independently and under tight deadlines.

Good to have:

* Ability to install, use, configure and manage various Windows Operating Systems, such as Windows Server 2016, is a plus.
* Experience with Cisco or similar networking is a plus.
* Experience with Kubernetes is a plus.
* Experience with usage and deployment of containers such as Dockers.
* Familiar with software development tools such as Rancher, Artifactory, Gitlab.
* Knowledge of ElasticSearch, Splunk and Kibana.
* Knowledge of IT security standards, for instance from CIS or IM8.
* Experience in IT security policy management and enforcing IT security.
* Experience in infra architecture design with respect to systems, servers, networking, storage, power consumption, rack space.