



## Systems Engineer

PublicRelay is currently seeking a Systems Engineer to join our world class software development team. The Systems Engineer will work directly with the Director of Technology maintaining our market-leading PR intelligence platform and supporting the implementation of enhanced functionality.

Overall responsibilities include assisting with systems definition, selection of frameworks or components, system architecture, design, and deployment, as well as operational support and monitoring of the system. This is an excellent opportunity to be part of a dynamic organization that utilizes cutting edge technology in content aggregation, social media, and media analysis .

### Responsibilities:

The System Engineer will design, implement, support new and current systems. Additionally, the System Engineer will be responsible for:

- Assisting the Director of Technology in projects with responsibility for meeting challenging technical performance requirements and tight deadlines
- Selecting technologies, including application, build, deployment, monitoring, and support tools
- Creating system specifications
- Defining system architecture and APIs
- Expanding, migrating, and upgrading systems
- Designing, installing, and implementing high-performance and high-availability solutions, including virtualization, application server clusters, database replication or cloud-based hosting
- Designing, installing, and implementing security solutions Server administration, including package installation and configuration on production servers
- Monitoring system and error logs
- Analyzing performance metrics to identify any database, application, or system problems
- Proposing and designing system enhancements that will improve the performance and reliability of the system



- Desktop support duties, as needed for internal staff
- Creating and maintaining system documentation for specifications, designs, and troubleshooting procedures.

### **Requirements:**

- Advanced knowledge of installation, testing, configuration and deployment of Linux based systems
- Prior hands-on experience with:
  - RedHat Enterprise Linux
  - PostgreSQL RDBMS
  - Apache Web Server and Apache Tomcat
- Virtualization experience
- Security experience, including intrusion detection and server hardening
- Content delivery
- Configuration management
- Build automation

### **Qualifications:**

- 5+ years of technical training or equivalent work experience in related field
- Experience working in a mixed environment supporting 50+ servers consisting of both physical and virtual machines
- Redhat certification desired