

## BUILD & INFRASTRUCTURE ENGINEER

<b>REQ NO:</b>	2020-10.01UK	<b>LOCATION:</b>	UK
<b>DEPARTMENT:</b>	AMPP	<b>DATE POSTED:</b>	October 2020

With our award-winning technology and trusted expertise, Grass Valley enables and empowers creators, broadcasters and media organizations to produce brilliant content that captivates audiences and connects people through the magic of media.

As the industry's R&D powerhouse, we offer the widest and deepest range of best-in-class solutions in the industry. We are the trusted partner to many of the biggest and most creative names in the media and entertainment business as we help our customers to build successful media businesses and navigate the rapidly shifting mediascape.

### About Grass Valley

As the world continues to evolve, Grass Valley is also transforming: Creating innovative breakthrough solutions to serve customers' changing needs and realities. We are proud that for over 60 years, our innovations have enabled content creators, broadcasters and media organizations to produce rich, compelling content that brings the viewer even closer to the action; more engaged with the story and more connected to others.

Our people are creative, knowledgeable, passionate and dedicated, working together to deliver high quality solutions and services to customers all over the world. We are looking for our future ambassadors, technologists, thought leaders and innovators to continue this beautiful journey with us. This is your opportunity, join us!

For further information, please visit [www.grassvalley.com](http://www.grassvalley.com).

### The Role

This is a key role within the AMPP Core team, chartered with managing and enhancing our build, deployment and continuous monitoring & alerting of the AMPP Core Team's development environment.

The main purpose of the job is:

- o Working with the DevOps group to deliver and maintain a development environment through infrastructure as code, continuous integration and delivery that can easily be replicated identically into other non-production and production environments with a high level of observability, monitoring and high-quality alerting.
- o We are seeking a passionate, engaged, senior level contributor with extensive experience in CI/CD, monitoring, alerting and trouble-shooting, infrastructure as code, Linux, Docker & Kubernetes and with knowledge of AWS or other cloud platforms.

Your responsibilities will include but not limited to:

- Automate deployments of Grass Valley's SaaS offerings for AMPP Core team's non-production environment(s)
- Develop scripts & configure dashboards to improve visualization of monitoring data and logs to decrease troubleshooting and resolution time
- Design procedures for system troubleshooting and maintenance
- Alongside development and the DevOps group, agree, create and implement a strategy for alerting and early warning of issues, before they reach production
- Ensure any build, deployment, monitoring, alerting strategies can be easily replicated/promoted to any other AMPP Core environment, including staging and production environments
- Continuously monitor (along with other team members) the AMPP Core team's non-production SaaS environment(s)
- Work with internal and external customers to support production and non-production environments
- Develop and test operational continuity scenarios in SaaS test and staging environments to improve operational robustness and develop disaster recovery procedures
- Work closely with Grass Valley software architects to collaborate on system improvements that impact and improve customer experience
- Take point on specific non-prod and prod incidents on troubleshooting and fault-finding – root cause analysis
- Help the AMPP Core and other teams with on premise installation and fault-finding

## What you'll need to be successful

- Degree/diploma in IT/Electronic/Broadcast engineering or equivalent, relevant experience
- Practical experience with common build tools such as Jenkins, Team City, Bamboo, Octopus Deploy, Helm or equivalents
- Practical experience deploying code to AWS, MS Azure or Google Cloud
- Strong networking knowledge, particularly with respect to cloud
- Strong experience with automation/configuration management using Ansible, Puppet, Chef or equivalent
- Experience working with Elasticsearch & Kibana, or other logging/time-series databases
- Practical experience of fault-finding and trouble-shooting
- Strong experience with infrastructure as code tools such as AWS Cloud Formation, Terraform or equivalent
- Strong background in Linux/Unix administration (Windows administration experience is a plus)
- Experience with scripting languages such as Powershell (c#), Python, Perl, Ruby, JavaScript or equivalent

- Experience working with Docker and Kubernetes
- Experience managing, deploying and maintaining Kubernetes Clusters\ Docker Swarms
- Excellent customer-facing skills (internal and external)

## Ready to apply?

Please email your resume to [emea.jobs@grassvalley.com](mailto:emea.jobs@grassvalley.com) quoting the Requisition Number and Job Title in the subject line of your email.

- 
- Grass Valley offers competitive compensation packages in an energizing and supportive work environment.
  - This job description is intended to describe the general nature and level of work involved for this job. It is not an exhaustive list of all responsibilities, duties and skills required of this job.
  - Grass Valley is an equal opportunity employer and makes employment decisions without regard to gender, marital status, race, religion, colour, age, disability, sexual orientation or protected veteran status.