



Example of Principal Technologist Job Description

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Our company is searching for experienced candidates for the position of principal technologist. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for principal technologist

- Strong expertise in cloud and virtualization platforms (AWS, Azure, GCE, OpenStack, VMWare,), operating systems (Linux, Windows), infrastructure automation (Ansible, Chef, Packer, Puppet, SaltStack, Terraform,), and application hosting technologies (CloudFoundry, Docker Swarm, Kubernetes, Mesos, OpenShift)
- Solid understanding of the practical application of DevOps philosophy, Agile methods, Infrastructure as Code, and leading infrastructure and operations teams in an Agile/Lean/Continuous Delivery environment
- Experience in designing and architecting enterprise and/or web-scale hosting platforms
- Understanding of the issues businesses face and experience working with them to create robust, scalable, elegant, flexible and relevant solutions that truly transform industries
- Experience working with CTO/CIO/COO to create technical strategies
- Management of projects outside the production technology / completion engineering discipline
- Taking a leading role in the integration of production technology and completion engineering with other discipline teams
- Active in publication and presentation of conference and journal papers and supporting others to do so
- Active in sustaining and building client relationships and winning new business
- Taking a lead role in the ongoing development of chemical and structural

Qualifications for principal technologist

- Strong knowledge of SIGINT and GEOINT maintenance and operations on the DCGS weapon system
- Working knowledge of Solaris, IT and networking
- Security+ certification (current)
- BS in engineering or computer science with 10+ years of work experience
- Fifteen teen years of experience as a senior technology architect in wireline/wireless telecommunications technologies including Public Switched Telecommunications Network, TDM, SS7, IP, SDN, 3GPP LTE
- Hands-on implementation work to get projects off the ground, evaluate and drive improvements to existing infrastructure, and to coach developers and infrastructure engineers