



## Role Profile: Systems Engineer (All Grades)

### **A bit about us...**

Amiosec is an exciting and growing UK technology company with innovation, agility and state of the art technology at its core. We work in partnerships with UK government customers and commercial providers to deliver research, technology, products and services in the communications security sector.

Our Networks and Systems Engineering team is expanding, and we are looking for great engineers who want to come on board and join us on our journey. We provide a stimulating working environment, with an opportunity to be involved in a variety of projects that aim to deliver new defence and security technologies for the future. We solve the hardest cyber challenges of tomorrow and support complex transformations in the digital age.

We actively encourage personal development and provide training opportunities tailored to your needs and learning methods and encourage our engineers to develop their skills – both technical and non-technical alike.

Collaboration and team spirit are key – we actively seek to share knowledge and ideas and preserve a family feel within our organisation. We organise regular social activities to bring people together – something we feel has been especially important during this last year of lockdowns and remote working.

We are passionate and committed to growing new talent and as such run a Graduate Scheme and have an active STEM outreach program – working with schools, universities, and the NCSC CyberFirst program. If you're interested, we'd love you to get involved and help out in these areas.

Our Networks and Systems Engineering team is key to our continued growth and success as a business and this not only includes what we do, but *how* we do it. We actively encourage our staff to contribute to improvements in our working practices and environment and regularly try out new ideas with a view to rolling things out that work well for us.



## Systems Engineer Vacancies

We are looking for Systems Engineers across all grades; we want motivated people with skills and experience in systems engineering! You will be joining a team that designs, builds and implements world leading solutions and also provides support to our Service Operations teams in a level 3 support capacity. Are you able to contribute in the following areas:

- Design, build and integrate end-to-end remote and mobile secure communications systems
- Troubleshooting complex environments
- Liaising with internal and external stakeholders
- Testing and assessing technologies to enhance the security or capability of the environments
- Creating, verifying, and maintaining technical documentation

### Required Skills:

- Involvement in the support of live (critical) systems, working with internal and external stakeholders to fault find and resolve issues within time constraints.
- Proficiency with virtualisation technologies. Working experience with VMware vSphere, vSAN, vCenter.
- Good working knowledge of building & deploying Linux-based systems. (RHEL/Debian)
- Experience of deploying and troubleshooting containerised systems in Docker or Podman
- Working knowledge of configuration management tools (e.g Ansible, Puppet)
- Experience in developing your own scripts (Bash or Python)
- Experience deploying highly available infrastructure
- Ability to research, understand and implement new technologies.
- Ability to operate in small cross-functional engineering teams to build supportable, sustainable, and reliable services

### Desirable but not essential skills:

- Experience of using Kubernetes
- Experience of using AWS
- Knowledge of CIS and security hardening principles
- Experience with IP communication protocols (SIP/XMPP/RTP)
- Building, maintaining or operating highly secure infrastructure



## AMIOSEC PROPRIETARY

- Understanding of cryptographic technologies
- Exposure to Infrastructure as Code technologies (IaC) such as Terraform
- Understanding or knowledge of the OSI model
- Experience in configuring or knowledge of secure protocols such as IPsec, SSH
- Experience with version control tools, e.g. Git
- Understanding of CI/CD and build engineering
- Experience in using an MDM (Mobile Device Management)

Due to the nature of our work, you'll need to obtain and maintain an appropriate UK security clearance.

Amiosec is committed to providing equality of opportunity for all. We aim to ensure our workplaces are free from discrimination and that our current and future colleagues, are treated fairly and with dignity and respect. Please inform us of any reasonable adjustments that we may need to make to the application or interview process.

