

## Role Profile: IT Engineer (Linux)

### Vacancy Description

Amiosec is an exciting and growing UK tech 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 and products in the communications security sector.

We have a vacancy in the IT department and are looking for a highly competent IT Engineer (Linux) to join the team and support the continued growth of the business.

The successful candidate must have experience installing, supporting, maintaining and developing internal systems within IT Operations and Development environments; delivering internal and customer projects while ensuring best security practices are adhered to throughout. For the right candidate we can offer a chance to provide input into future IT strategy and a level of autonomy when delivering projects.

The candidate must have experience in an IT operations, engineering or development environment and have rigorous attention to detail and be familiar with infrastructure build and monitoring tools, security best practices, Service Management frameworks, Linux server (RedHat and Ubuntu), hosted applications and have well-honed troubleshooting skills.

Due to the nature of our work, all candidates will be required to obtain and maintain an appropriate UK security clearance.

### Typical Activities

Subject Area	Activities
<b>Maintain Activities</b>	<ul style="list-style-type: none"> <li>Undertake system monitoring and updates for Infrastructure and Security, taking action where relevant and producing reports</li> <li>Undertake and maintain LDAP directory updates, profile administration, network and software installations</li> <li>Maintain end user devices, printers and scanners with regular updates being applied</li> <li>Investigate and rectify any reported faults covering, but not limited to; PC, Server, LAN, Wi-Fi and VOIP</li> <li>Oversight and support of 3rd party systems as necessary to ensure continuity of service to the business</li> <li>Regular review and updating of all Technical IT Documentation</li> <li>Implement and maintain information security controls in accordance with guidance issued by the IT security team</li> <li>Provide continuous feedback and updates on all IT related issues</li> </ul>
<b>Support</b>	<ul style="list-style-type: none"> <li>Maintenance and Support of all internal systems</li> <li>Creating and improving support and troubleshooting documents</li> <li>Provide technical assistance, fault diagnostics and IT support to Amiosec</li> </ul>
<b>Technology Research</b>	<ul style="list-style-type: none"> <li>Keeping abreast and evaluating latest technologies</li> </ul>

- Review and recommend enhancements for new technology

The sections below outline typical responsibilities and competencies that we are looking for. These are wide ranging and represent the full cross section of capabilities that we seek. Prospective candidates should be able to demonstrate ability in a number of the technical competencies (depending on grade/experience) and as a minimum, satisfy the core competencies as listed.

We are **not** looking for **full** coverage across all of the below in any one candidate.

## Technical Competencies

Subject Area	Competency
<b>Experience/Skills</b>	<ul style="list-style-type: none"> <li>• Experience within IT Operations and Development environment – minimum of 2 years.</li> <li>• Experience with enterprise IT infrastructure, installation, design, configuration and troubleshooting/support of compute, storage, networking, physical infrastructure and software.</li> <li>• Experience maintaining and troubleshooting Linux server and desktop platforms - RedHat and/or Ubuntu.</li> <li>• Experience of common Linux software such as Apache, Nginx, PostgreSQL, OpenSSL, Bind, FreeIPA etc.</li> <li>• Experience with virtualisation software Hyper-V, Proxmox or VMware.</li> <li>• Basic to intermediate level of scripting skills e.g. Python, Bash.</li> <li>• Networking knowledge and concepts including switching, routing, firewalls, load balancing, TCP/IP, VPN/VLAN and IP Addressing.</li> <li>• Experience with deployment automation tools such as Ansible.</li> <li>• Containerisation experience, particularly LXC and Docker.</li> <li>• Experience of Information Security and controls to mitigate threats within secure IT environments.</li> <li>• Experience with Service Desk and Customer Support Tools.</li> <li>• Experience of maintaining Atlassian applications and Gitlab.</li> </ul>

## Core Competencies

Subject Area	Competency
<b>Approach</b>	<ul style="list-style-type: none"> <li>• Excellent attention to detail.</li> <li>• Enthusiasm for technology and desire to understand it, work with it, improving processes, helping to innovate and automate.</li> </ul>
<b>Working Style</b>	<ul style="list-style-type: none"> <li>• Ability to work individually or as a member of a multi-discipline team.</li> <li>• Self-motivated.</li> <li>• Willingness to be flexible and embrace new technologies/techniques.</li> <li>• Good time management skills, ownership of own deliverables.</li> <li>• Tenacious troubleshooting and problem-solving skills.</li> </ul>
<b>Customer Focus</b>	<ul style="list-style-type: none"> <li>• Excellent communication skills (including generation of written content including reports, technical documents and whitepapers).</li> <li>• Ability to investigate and understand customer needs.</li> </ul>



Subject Area	Competency
<b>Innovation</b>	<ul style="list-style-type: none"><li>• Ability to foster and develop innovative ideas.</li><li>• Lead and contribute to improvements in systems &amp; support and our innovative ways of working.</li></ul>

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.

