Job Description – Security Architect

Who We Are

SA Group is a Cyber Security, P3M and Technical consultancy working in Defence Security plus broader public service and blue chip commercial markets. We have ambitious growth plans over the next 5 years, aiming to expand into new sectors and internationally too. A recent strategic review of the business structure has created a number of new consultancy positions to help achieve this growth. The company is made up of around 40 consultants and business support professionals and based in a beautiful rural location near Westbury, Wilts. We are a highly energetic, tenacious and meritocratic team with grown up, people focussed values. If that sounds like you too, please get in touch.

Role Description

SA Group Ltd is looking for a talented Security Architect to join our growing roster of security consultants.

Main Responsibilities:

- Designing security, audit and assurance solutions and overseeing their implementation by engineers;
- Provide Technical Security and support documentation to customer and project assurance stakeholders;
- Working with the Project SAC and accreditor to ensure the chosen solution can support the enterprise and related security framework;
- Designing, managing and maintaining product security architecture which supports our Client’s risk appetite and approach to cyber and information security to feed into the Product Roadmap;
- Researching and supporting new design architectures, including shaping and leveraging on new security patterns;
- Shaping enterprise solutions that enable our client to operate securely whilst exploring technology to best effect;
- Ensuring the security architecture enables business and CISO needs and that there is business flexibility whilst operating with sufficient protection, supporting and guiding our client in its adoption of hybrid IT, including cloud services;
- Providing credible and impartial advice and guidance to the Infrastructure Product Group Manager and Owners, and identifying opportunities for innovation and improvement;
Working with senior stakeholders to ensure controls are applied proportionately enabling the realisation of the target architecture;

Supporting shape enterprise strategies, including platform strategies and platform integration design in line with the enterprise security reference architecture;

Any other duties as required.

Role Education and Experience Requirements

The SA Group Consultant is required to have suitable experience to undertake tasks for a client in a number of specialist areas. Demonstrated evidence is required in the key areas of management expertise. At this level, a successful candidate must be able to and be comfortable with working and communicating at all levels within the client organisations.

ALL CANDIDATES MUST HOLD, OR BE ABLE TO GAIN, UK GOVERNMENT SECURITY CLEARANCE. Minimum SC, preferable DV.

Qualifications, Skill and Experience:

- Practical Log analysis and or SIEM experience;
- IDS and Netflow deployment, tubing or support experience;
- Practical, hands-on experience deploying:
  - 3 Tier web architecture;
  - Microservices;
  - Kubernetes;
  - Orchestration stacks;
  - CI/CD pipeline;
  - Kafka;
- Experience in a MOD / NSOIT / ATLAS environment is desirable;
- Relevant professional security qualification (e.g. CCP IA Architect, CISM, CISSP);
- Familiar with MODAF and (preferably certified) with one or more modern application architectures and infrastructure:
  - Private Cloud;
  - VMware;
  - Azure;
  - AWS;
  - Event driven architecture;
  - Microservices/devops/sys-admin on any of the above;
- Knowledge of Virtualisation technologies;
Security Enforcing Functionality;
Orchestration packet transfer;
Government Guidelines;
Principles and processes, including hardening and high assurance devices;
Experience in Cloud Providers provisioning of AWS, Azure, Google.
Cloud/VMWare skills;
VMWare/ Hypervisor architect;
General/Microsoft technologies;
Linux Network Architecture & Design covering CISCO and software defined networking specifically ACI and NSX Security Architecture & Design covering;
RMADs, PKI, SIEM, Boundary Technologies Infrastructure Architecture & Design covering VMWare (ESXi, vCentre), Scality and HPC Client Architecture & Design covering VMWare Horizon View, SCCM, SCOM, Zero Client, Mobile & Network Devices Infrastructure Architecture & Design covering Active Directory, Exchange.

SA Group employees should be able to demonstrate a number of personal attributes including:

- Excellent organisational skills, energy and enthusiasm;
- Excellent written and verbal communication skills with all levels of staff and customers;
- Good business awareness and a high level of customer focus;
- Ability to work under pressure and meet deadlines;
- Ability to manage multiple tasks and prioritises accordingly;
- Self-motivated;
- Desire for learning and self-improvement;
- Flexible and adaptable, with a willingness to take on new tasks where less knowledge or experience is held;
- Has a lively sense of humour, wanting/desiring to be part of a company that encourages a relaxed, but professional, approach to business.