

SENIOR SECURITY ENGINEER

About Aviareto

At Aviareto we build and operate a global online platform for the aviation finance industry.

We are a global service, operating an industry-platform to the highest cybersecurity standards using leading edge technology. We have invested heavily in our platform and people since we went live in 2006, and we will continue to do so. Even during the Pandemic our business has grown, allowing us to have significant resources to invest in our future platform and skills base. We are growing our team and beginning our move to the cloud.

We are focussed on customer satisfaction. We work hard to understand our clients (through metrics and conversations) to ensure that our platform and processes are aligned with their needs, not our pre-conceptions.

We have adopted a continuous improvement approach to our business in the areas of quality, risk, cybersecurity, business continuity and customer service. Our shareholders provide excellent stability for the company and the benefits we offer are excellent. If you join Aviareto, you will be well rewarded, including pension, health insurance, life assurance and performance bonus.

As well as operating our business we are planning new lines of business and directly involved in research (applied and academic multi-disciplinary research partnering with international bodies and universities). We will support your further education and training.

During the Pandemic we have operated successfully from home, and we will continue to do so until it is safe to return to the office, possibly in Q4. Following that, we will adopt a hybrid working policy (home and office) with flexibility for individual circumstances.

Our swish office is in **Blanchardstown (Corporate Park 2)** with good public transport and free parking and includes a gym and large kitchen area.

About the role of Senior Security Engineer

At Aviareto, information security is our number one priority, evidenced by the fact that all our staff, including non-technical staff hold CISMP certifications and Aviareto Management and the Aviareto Board have the highest levels of buy-in possible in relation to security activities & initiatives. We are 27001, 22301 & 9001 certified and PCI DSS compliant and we invest heavily in information and cybersecurity systems and training.

We are looking for a Senior Security Engineer (with potential) to lead in the delivery of secure design, build and management of IT Infrastructure projects, on premise and in future, in cloud. You will play a lead role in the management of Aviareto's annual cybersecurity audit programme (working with one of the top 4 consultancy firms) and will be a SME on cybersecurity matters, all while supporting security incident management across the business. Aviareto has a significant technology estate consisting of a corporate office and a 3 data centre production footprint with a heavy deployment of security technologies. This is a great opportunity. You will be given Board level visibility, to broaden your horizons, deepen your security experience and to play a critical role in the development of system of international importance.

Responsibilities

- responsible for supporting the secure operation of the IR (International Registry) Infrastructure and for the management of the security of the corporate office environment.
- work alongside the existing technology personnel but play a lead role in ensuring the secure design of systems across the Aviareto technology estate.
- play a lead role in the research and development of new security technologies in line with company strategy and has a key role in understanding, building, and coordinating IT security related projects.
- lead security discussions at a high level with Infrastructure Technology Leads, Architects and security experts in varying aspects of the technology stack.
- the escalation point for all security related issues at Aviareto and will perform deep, technical analysis on such issues as they arise.
- work alongside the existing senior team members, the rest of the technology team and Technology Manager to address complex infrastructure security issues throughout the technology estate.
- responsible for the training and mentoring of new team members, will be tasked with a variety of reporting, audit work and projects as needed.
- responsible for management of the cybersecurity audit process, including analysing, responding to, and recommending changes to Aviareto's security posture, including continuous improvements under ISO27001.
- is an SME on security matters relating to infrastructure security, advises management on complex security related issues and reports directly to the Technology Manager.

Experience Required

- Required
 - Cybersecurity / Network Security experience
 - Securing Active Directory & Group Policy
 - Understanding of 2FA/MFA or SSO technologies
 - Experience in complex root cause analysis
 - Hands on experience with monitoring, event correlation and alert/detection technologies.
 - Exposure to penetration testing technologies and toolsets.
 - Technical knowledge of security/network engineering and operations.
 - Experience with reverse proxies, firewalls (inc. WAFs), and IDS/IPS solutions.
 - Microsoft Windows Server Support & Security Administration
 - Experienced in AV, eMail GWs, HIDS/NIDS & other security related products.
 - Experience managing complex and technically deep IT Security Projects
- Any of the following would give the candidate a distinct advantage
 - Hands on experience with AWS or Azure
 - Internet facing web Infrastructure (Apache, IIS, etc)
 - Exposure to PKI or Digital Certificate technology
 - Exposure to ISO 27001 (ISO27002, ISO27017) & ISO22301 standards, NIST Cyber Security Framework, Common Control Framework or CSA CCM would be a distinct advantage.
 - Experience with Linux or Unix Systems

ESSENTIAL REQUIREMENTS FOR THE POSITION

- A Bachelor's Degree in Computer Science, Engineering or Science or equivalent industry experience is preferred. Appropriate industry qualifications and or experience will be considered in place of this.
- A minimum of 5 years of IT security experience designing and implementing security solutions.
- Candidate must hold a well-recognised security certification such as CISSP, CompTIA CASP, CISA, CCSP, OSCP, GIAC or “AWS Certified Security – Specialty” certification (or equivalent).
- Excellent English, both written and verbal

You must have the right to work in Ireland on a permanent basis without the requirement for sponsorship.

Rewards

- Competitive salary ranging from €75,000 to €85,000 depending on experience
- Performance Bonus of 10% paid annually
- Pension scheme 7% by employer and 5% by employee
- Private health insurance and Life assurance
- Company laptop and phone
- Excellent office facilities including a gym and free car parking
- We have a generous and fair set of staff policies including maternity, paternity, parental leave and 25 days annual leave etc.
- Generous educational and training support provided