

Cyberlytic Lead Software Developer

Job Description

Job Title:	Lead Software Developer
Start date:	Immediately
Department/Location:	R&D Belfast
Reports to:	Chief Technology Officer

About Cyberlytic:

Cyberlytic provides security intelligence software that prioritises the workload of security teams and reduces response times from cyber attacks to seconds.

Cyberlytic is founded on the belief that security intelligence should enable security teams to be more efficient and reduce the demand on human operators. Through commercial research, Cyberlytic is developing software that performs real-time risk assessment and prioritisation of cyber-attacks. Our software enable security teams within organisations to focus their attention on responding quickly to high-risk cyber attacks in an increasingly complex threat landscape.

Responsibilities:

As a full-time member of the founding team, you will have broad responsibilities for developing Cyberlytic software products. This will primarily focus on leading and executing software development of our first product, the Cyber Threat Profiler (CTP). You will also be required to input and deliver into our technology roadmap, which will include turning research projects into software reality to add to our ambitious portfolio of security intelligence products.

We are a startup company, with our technical team based in Northern Ireland and ambitions to grow globally. We will need you to advise and take ownership of enhancing our development environments in order to scale and adapt to our customer demands quickly. We want you to be an important member of our team with a voice in the direction of the company.

We have aspirations to rapidly expand our technical team over the next year. Whilst you must have the desire, skillset and ability to develop the software working with our CTO, data scientist and outsource software development partner in Belfast, you should have aspirations to lead or play a role in building a team that can develop world class cyber security software.

To succeed in this role you will need:

- To be an expert Java developer.
- To design prototype applications, indicate program unit structure, and coordinate application plans with the development team or client.
- The ability to quickly create front-end User Interface (UI) web pages.
- To be able to develop and maintain Cyberlytic API services.
- A strong understanding of the TCP/IP stack (layers 1 – 7) and associated protocols.
- To develop code to operate at both the network, server and application layers.
- To know how to integrate software with MongoDB databases.
- To work closely with data scientists and cyber security experts converting their research into enterprise ready code.
- A creative and pragmatic approach to solving problems and improving the Cyberlytic products, including architecture, processes and toolsets.
- To be willing to take the lead developer role and drive development forward in a startup team environment.
- The ability to visit customer sites to help in the deploying the CTP and associated products.
- The ability to integrate the software into existing customer environments.
- To support software integration with existing systems and their APIs (especially other security system vendors).
- A strong understanding of, and ability to, analyse network packet captures.
- A thorough understanding of automation and deployment techniques.
- To consistently and properly document and comment software.
- To develop, implement and follow secure and sound coding practices.
- To create design and installation documentation.
- The ability to capture functional and non-functional requirements.

Working Culture	<p>Full-time position but we hope you will contribute to grow this company into a global business and maximise your potential share options.</p> <p>Our sales and operations are based in London. You will spend the occasional day in London with the sales & marketing team as well as interacting with our customers.</p>
Salary Range:	Competitive salary & share incentive scheme.

Summary of Position:
Cyberlytic's Lead Software Developer; design, develop and deploy the suite of Cyberlytic's Cyber Security products and development environment.

Personal Specification

	Essential	Desirable
Technical Skills	<ul style="list-style-type: none"> • Expert in Java, node.js, JavaScript programming languages. • Advanced Linux System knowledge. • Ability to write bash scripts. • Advanced knowledge of java application, internet and network protocols. • Technical experience with systems networking, databases, Web development, and user support. • Experience developing with Mongo DB. • Python, CLI, HTML, CSS. • Integrate development processes with Jenkins, Stash and JIRA. • Documenting designs and solutions. • Capturing application requirements. 	<ul style="list-style-type: none"> • Developing Open Source Projects. • MATLAB experience. • Previous IaaS or PaaS experience. • Performance and tuning awareness in capacity planning and load testing. • VMWare, XenServer, Hyper-V knowledge.

Contact for more information or to apply

careers@cyberlytic.com

Note: This job description is not exhaustive and will be subject to periodic review. It may be amended to meet the changing needs of the business. The post-holder will be expected to participate in this process and we would aim to reach agreement on any changes.