



Job Description

Senior Software Developer

JOB OVERVIEW

Department:	Technical
Job Title:	Senior software developer
Primary Purpose of the Job:	Development of information security software
Responsible to:	Head of development
Responsible for:	No staff management responsibilities
Salary:	Negotiable depending on experience

DESCRIPTION

AppCheck Ltd develops Information Security software for its clients. The service we provide is designed to discover vulnerabilities in Web Applications and their hosting infrastructure.

The Software has been designed and delivered through a collaboration of Penetration Testing Consultants and Software Engineers.

AppCheck Ltd have vacancies for Software Engineers with a passion for new technologies and creating systems and software of the highest standard. If you are looking for the opportunity to work with like-minded people with the support of highly skilled technical staff, then AppCheck Ltd would love to hear from you

Person Requirements

It is essential that you are a bright, committed and willing individual that wishes to learn new technologies in order to become involved in a range of highly technical and challenging projects.

We are able to consider a range of experience but we are ideally looking for knowledge of Object Oriented principles and techniques. Our projects are written in Python so we require candidates to have experience and a solid understanding of this language as well as ideally being familiar with OO.

We are interested in candidates who have a keen interest in Information Security. Applications from candidates that can demonstrate a passion for InfoSec will be well received.

KEY TASKS

- Maintain the Integrity of the current AppCheck Ltd Solution
- Building / Deploying future AppCheck Ltd Capability
- Develop an in depth understanding of Penetration Testing / Security principals.
- Working closely with the team to develop creative new software relating to a range of fast-moving, bleeding-edge security projects to answer our clients' challenges
- Use of own initiative to research and develop new techniques to improve all aspects of user interaction.



Skills and Experience

To be considered for this position, meeting the following requirements is essential:

- Excellent academic track record.
- Experience in at least one modern object-orientated scripting language, such as Python or Ruby.
- Comfortable using Linux as either a main or secondary development environment
- Willingness to research and work with new ideas/frameworks/tools
- Understanding of code quality and efficiency (e.g. experience of profiling and test-driven development)
- Desirable to experience in researching and writing exploits
- Desirable to have experience in C/C++
- Desirable to have some experience in modern client-side web development technologies and techniques: CSS, HTML5, browser compatibility, JavaScript, jQuery, AJAX
- Desirable to have experience with modern full-stack, open source web development frameworks such as Pyramid, Django, Pylons, web2py, node.js, or Ruby on Rails
- Desirable to have experience with NoSQL database technologies, such as mongodb
- Desirable to have experience of low-level network socket programming (e.g. to develop own protocols)
- Desirable to have experience in some form of vulnerability research
- Desirable to have experience of UX design
- Excellent documentation and communications skills
- Have a passion for high quality software design and development
- Have a positive attitude and be willing to study both at work & home

Applications for the role should be sent to info@appcheck-ng.com. To apply we would appreciate both a CV and covering letter explaining why this role is of particular interest / suited to you personally.