

# Penetration Testing Expert Job Description template

## Penetration Testing Expert Job Description Template/Brief

We are looking for a skilled penetration testing specialist to join our IT team! As our penetration tester, you will be in charge of conducting regular audits and inspections to ensure the security of our network and computer systems. You will be needed to work regular office hours, set up information systems, and build and create new strategies to address existing vulnerabilities.

The ideal applicant will have prior expertise in the IT area and previous experience as a penetration tester. You may also be asked to assist other IT staff with duties and deliver information to the appropriate managers.

## Penetration Testing Expert Job Profile

A penetration testing expert conducts authorised tests on computer systems to discover security flaws that criminals may exploit. A penetration testing expert may specialise in manipulating a particular sort of system, such as:

- networks and infrastructures
- operating systems such as Windows, Linux, and Mac
- Computer systems that are embedded
- mobile/web apps
- Control systems for SCADA (supervisory control and data acquisition)
- Internet of Things (IoT)

In addition to detecting concerns, one may also offer advice on reducing risks.

## Reports To

- Chief Technology Officer

## Penetration Testing Expert Responsibilities

- Collaborate with customers to identify their test needs
- Develop and implement penetration methods, scripts, and tests
- Conduct remote testing of a client's network or onsite testing of their infrastructure to discover security flaws
- Simulate security breaches to assess a system's overall security
- Create reports and suggestions based on your findings, including the security flaws found and the amount of risk
- Advice on approaches to address or reduce security threats to systems
- Inform management and other relevant parties about your findings, risks, and conclusions
- Think about how an attack could affect the business and its users
- Comprehend how the defects you discover may have an impact on a firm or a business function if they are not addressed

## Penetration Testing Expert Requirements & Skills

- A bachelor's degree in computer science or a related discipline
- A thorough grasp of computer systems and how they work
- Strong oral and written communication skills to communicate your techniques to both technical and non-technical audiences
- Attention to detail, including the ability to develop and perform tests while keeping client needs in mind
- Capacity to think strategically and creatively to breach security systems
- Excellent time management and organisational abilities to fulfil client deadlines
- Ethical integrity to be trusted with sensitive information
- Capacity to think laterally and "out of the box"
- Collaboration skills, including the ability to encourage colleagues and share approaches, as well as strong analytical and problem-solving skills and the determination to use a variety of strategies to get the task done
- Business abilities to comprehend the consequences of any flaws discovered