

# Stan Hegt

Digital security specialist and professional hacker



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## SUMMARY

Stan is a digital security specialist and professional hacker. He has more than a decade of experience in this area and holds a Master of Science degree in Information Security Technology. Starting as a computer hacker at the age of 10, Stan has acquired deep technology knowledge that he combines with strong professional skills. Stan leads engagements on IT security, with a focus on the financial sector. His areas of expertise are:

- Red teaming, attack simulation and complex penetration tests
- Incident response and malware analysis
- Cyber defense organisations, with a focus on threat management
- Security awareness training (from boardroom to IT staff)

Stan regularly provides lectures at several universities and academic institutes on hacking, penetration testing, exploit development and malware. He is also frequently covered by Dutch media and has for example made appearances on the NOS Journaal, VPRO Tegenlicht and KRO Brandpunt.

Moreover, Stan has published numerous security advisories on specific software vulnerabilities and security testing methodologies. Stan has supervised various academic research projects on security topics, such as NFC attacks, EMV security and high-performance password cracking.

## RESPONSIBILITIES AND SKILLS

Previously, Stan has worked at KPMG Advisory for 8 years. In this role, Stan had the following responsibilities:

- Part of the Management Team at KPMG Information Protection Services that leads a team of 60 information security professionals consisting of more than 10 nationalities.
- Responsible for delivery of, and primary contact for Red Teaming, Cyber Attack Simulation and Incident Response services at KPMG Netherlands.
- Delivery and management of IT security services from start to finish - from intake and proposal to execution and invoicing. Engagement teams vary from 3 to 10 persons on projects that run between 1 week and 6 months.

## REPRESENTATIVE ENGAGEMENTS

Amongst others, Stan has lead the following engagements:

- More than 100 penetration tests on a variety of objects, ranging from mobile banking applications to extremely large IT-infrastructures (30.000+ systems) and specialty systems (e.g. radar systems).
- Red teaming and attack simulation engagements for various banks.
- Incident response on targeted attacks for various clients, including banks, defense contractors and oil & gas majors.
- APT and targeted attack resilience reviews for large clients in the financial sector and defense industry.
- Advisory on security monitoring and vulnerability management for various banks.
- Establishing cyber defense teams and threat intelligence services for various clients in the financial industry.
- Cyber security awareness training for IT staff, call centers and senior management (including the board) of various banks.

## BACKGROUND SCREENINGS

Stan has successfully passed background screenings from various organisations and intelligence agencies. Details are not published in this public CV but are available on request.

## WORK EXPERIENCE

September 2008 – February 2016

### **KPMG**

#### **Manager Information Protection Services**

As a manager at KPMG, Stan lead engagements in the digital security domain for which a combination of profound technical and personal skills were required.

January 2000 – September 2008

### **Self-employed**

#### **Freelance Penetration Tester (part-time)**

For almost a decade and before joining KPMG, Stan has been a freelance part-time penetration tester offering his services to major international enterprises. In this period he has performed dozens of penetration tests on complex IT environments such as large-scale computer networks, comprehensive web applications, various platforms and database technologies.

## EDUCATION

September 2006 – May 2008

### **Eindhoven University of Technology**

#### **Master of Science in Information Security Technology**

September 2002 – September 2006

### **Eindhoven University of Technology**

#### **Bachelor of Science in Computer Science**

## REFERENCES

References are available upon request.