

Haseeb Chaudhary

CONTACT

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INFORMATION

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OBJECTIVE

Obtain a Information Security position where proven abilities are used to assess technical risks to the business as well as lead in secure architecture and solution design within a technically advancing environment.

CV PREVIEW

Information Security: Risk Assessment, Threat Modeling, Quantification of Application Risks, Security Guidance to App Dev projects, Cyber Security Controls Development

Leadership: Cross country programme lead, International Negotiations, Mentoring

App Dev: Full Stack Developer using JavaScript, Ruby, SQL, Ruby on Rails

Penetration Testing: Metasploit, Echo Mirage, Burp Suite, sqlmap

Compliance: ISO27001, GDPR, Data Protection Act, EU Data Privacy Directive

PROFESSIONAL EXPERIENCE

ING Bank

Senior Security Architect

June 2019 to April 2021

Responsibilities

And Leadership:

- Building a cross security roadmap and strategy
- Secure design and development of ING's new European wide banking platform
- End to End security based on APIs, micro-service architectures, discrete building blocks and containerisation.
- Penetration testing of the complete Production technical stack
- Leading team of security and risk analysts
- Building a cross country working group of security experts to understand technical and business requirements

Schroders Banking Group

Security Architect, Digital Security

September 2018 to January 2019

Responsibilities:

- Security Architect with a global scope responsible for secure design and architecture for a number of business critical projects
- Implementing secure coding practices secure into product development
- Manual code level security review of new critical projects as well as automated SAST testing
- Threat modeling of the target application and infrastructure to be deployed in cloud environments
- Conducting offensive cyber security Red Team activities

Lloyds Bank

Security Architect, Security & Fraud, Digital

June 2016 to December 2018

Project

Examples:

- Lead security architect for design and implementation of public cloud (PaaS and IaaS) into the bank's customer facing environment, including formulation of security requirements, vendor selection and technical solution design
- Delivery of Technical Solution Design for a number of security and fraud related projects
- Security design of a multichannel cross application system that supports input of large throughput of data. Based on distributed applications using the Apache Hadoop framework
- Security solution architect for design of DDoS testing environment used for testing network and application attacks types

- Delivered:*
- Delivery of a number of architectural artifacts supporting of security related Digital theme projects
 - Identification and mitigation of security risks within technical solution designs
 - Support of projects through the bank's key governance paths including security design forums and design authorities
 - Development of new and existing security related architectural Patterns
 - Coded from scratch a number of bespoke security tools for testing of security controls

Bank for International Settlements (Switzerland)

Security Architect, Corporate Security

August 2013 to June 2016

Project

Examples:

- Design and implementation of manual Web Application Security Penetration Testing methodology for all external facing applications

Delivered:

- Developed a pragmatic Cloud Security strategy for the organisation which included required governance framework and technical controls.
- Application security risk assessments for significant and critical applications: identification of security risks and required mitigating controls.
- Development of Cyber Security controls for banks' global IT infrastructure and application environment.

Royal Bank of Scotland Markets & International Banking, Info Security

Senior Information Security Consultant

June 2010 to July 2013

Project

Examples:

- Re-design of global Data Loss Prevention (DLP) strategy, improving technology controls using Checkpoint Media Encryption (CPME) and defining business processes
- Development of global strategy and action plan for secure access and connectivity to internet resources via proxy environment

Delivered:

- Risk Assessments and review of new infrastructure and AppDev projects
- Position Paper detailing the firm's current DDoS strategy, gaps in coverage and recommendations
- Formulation of M&IB strategy towards implementation of cloud computing technology
- Penetration Tests – project related or generic issue related testing
- Business line security management – tailored improvements & special audits to Ecomm business line
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- Blackhat Europe - attended Briefings and gave summary to department of latest infrastructure and application related threats

Security Consultant, RBS Group

May 2009 to August 2009

Project

Example:

- This was a 3 month assignment working on the design and integration of ABN AMRO and RBS network within the new RBS security network operations centre.

Delivered:

- Raised changes during hand over from old ABN AMRO Chicago network services team
- Participated in a global team to remediate against internet attack methods against the firm's payment system. This involved working with developers, analysing security reports and ensuring countermeasure implementation
- Sourcefire intrusion detection and attack correlation engine configured

Barclays Capital, Global Technology, Ecomm and Web Services

Web and Ecomm Architect, Barcap

May 2006 to May 2009

Project

Examples:

- Planning and implementation of upgrade of the global production firewalls for Barclays Capital. Upgrade Production EMEA Checkpoint managers/enforcement modules and Fortinet firewalls
- Replacement of all Barclays Capital internet environment (Juniper Netscreen, Checkpoint and Cisco PIX firewalls, Fortigate, BIGIP loadbalancers, proxy and authentication servers) with newly engineering environment

Delivered:

- Support and management of Ecomm web farm including www.barcap.com, firewall, internet services and VPN infrastructure
- Administration of secure services for Production internet and ecommerce environment Apache, IPlanet web servers and Nocache proxies

- PKI certificate administration apache server cert renewal, and Apache Tomcat configuration

Nomura International Plc, Global Technology Infrastructure (GTI)

<i>Project</i>	Senior Network Security Consultant	November 2005 to April 2006
<i>Example:</i>	<ul style="list-style-type: none"> • Project managed and implemented ISS IDS deployment over production, corporate and DR environment. Using ISS Proventia and Site Protector technologies 	
<i>Delivered:</i>	<ul style="list-style-type: none"> • Responsible for EMEA wide support of network within Nomura International. This included the day-to-day support and also development of the Nomura network architecture (firewalls, routers, intrusion detection systems) across global network • Cisco ACS and TACACS deployment and administration • Weekly security reports summarizing security events from PIX syslogs, Firewall-1 logs and IDS events • ACL and Firewall rule clean up on variety of different perimeter and internal routers and firewalls 	

FX Alliance, IT Infrastructure Network Engineering

<i>Project</i>	Network Security Engineer	August 2004 to December 2005
<i>Examples:</i>	<ul style="list-style-type: none"> • VPN design build for global site-to-site VPN enterprise network using PIX-Checkpoint tunnels • NYC office network segmentation for increased enterprise security • Design of firewall and network monitoring toolsets • Production systems hacking countermeasures and security for multi-tier FOREX trading system 	
<i>Delivered:</i>	<ul style="list-style-type: none"> • Secure Apache build and package to be used on Solaris platform for production systems www.fxall.com • Network re-design of network infrastructure for highly resilient global production trading network 	

Viacom Corporation, Global Technical Operations

<i>Project</i>	IT Security Analyst	January 2004 to August 2004
<i>Example:</i>	<ul style="list-style-type: none"> • Working on specific projects to upgrade existing network infrastructure and implementing VPN (site-to-site and remote access) connectivity 	
<i>Delivered:</i>	<ul style="list-style-type: none"> • Audit of network perimeter and Internet facing systems using best practice penetration-testing tools and methodologies • IT Security control implementation in accordance to Sarbanes-Oxley Act 	

Thomson Reuters, London

<i>Project</i>	Senior Network Engineer	October 2000 to January 2004
<i>Example:</i>	<ul style="list-style-type: none"> • Project management of various high profile firewall infrastructure change and development projects. Involved hands on work in all key phases for example using network analysers to identify application requirements, rule base setup, firewall build, testing and go live 	
<i>Project</i>	Network Engineer	December 1999 Oct 2000
<i>Examples:</i>	<ul style="list-style-type: none"> • Primary connectivity engineer for the Omgeo within Thomson Financial. Involved working client network specialists to integrate Omgeo products into the client network, initial planning considerations drawing up network diagrams, security analysis, installing network devices (firewalls, routers) at client sites, and testing connectivity 	
<i>Project</i>	IT Support Analyst	September 1997 to December 1999
<i>Delivered:</i>	<ul style="list-style-type: none"> • Troubleshooting client firewall, gateway issues. Also resolving network traffic problems by checking hubs, routers and route taken by network traffic • High-pressure role supporting major financial product for a global client base 	

EDUCATION

Plymouth University

- Ph.D. candidate, School of Computing & Mathematics, October 2011 to Present
- Thesis Title: *Cloud Computing and information Security: an investigation into the security and trust issues related to data released into the cloud*
 - Supervisor: Professor Steven Furnell

Bangor University

- MSc/PgD, Applied Physical Oceanography, October 2009 to May 2010
- This involved code development of numerical models using Matlab in a variety of physics based ocean applications.

University of Edinburgh

- BSc, Chemistry, October 1993 to June 1997
- Final-year project title was Development of Capillary Electrochromatography as a Micro-Analytical Tool

Courses

- Data Network Design and Optimisation (Learning Tree)
- Solaris Network Administration (SA-399)
- Cisco Certified Network Associate (CCNA)
- Project Management Course (The Hobbs Partnership)
- Cisco Certified Design Associate (CCDA)
- VPN-1/Firewall-1 Management (CCSA)
- Internal Controls Sarbanes-Oxley (SOX Training)
- Redhat Enterprise Certified Engineer (RHCE)
- Certified Application Security Tester (CAST)
- TOGAF 9.1
- LeWagon Full Stack Coding Bootcamp 2018

Recent Conferences

- Blackhat Briefings (Blackhat Europe 2016)
- RSA Conference Europe 2017
- International Conference on Cloud Security Management ICCMS (Seattle, 2013) participating in peer review process
- Cloud Security Alliance (CSA) Conference Europe 2018

References

References are available upon request