

Alex Sulsky

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BRIEF

Information security architect with broad experience building, protecting and automating distributed systems. I'm looking to use my security and technical expertise in a pre-sales engineering role.

EXPERIENCE

Digital Crafts

September, 2017 - January, 2018

Student

Houston, TX

Accelerated School for Software Engineering - Full Stack Immersive Program

- Introduced to application development using popular JavaScript and Python frameworks such as NodeJS, jQuery, React, Express, Flask, Tornado.
- Worked with Postgresql and Firebase databases.
- DevOps with AWS, Heroku, Dokku and Git.
- Built and deployed web applications using the above tools.

Macquarie Bank Ltd.

May, 2015 - April, 2017

Engineer

Houston, TX

- Built and supported private and public cloud application delivery systems built on F5's LTM and GTM load balancers.
- Secured access to public applications using F5 APM and Palo Alto firewalls.
- Built out monitoring and reporting using Splunk and other off-the shelf systems, e.g. SiteScope.
- Built a web app to report on F5 LTM configuration and status using F5's iControl API.
- Worked with internal researchers to contain threats and discovered zero-day exploits via custom rule-sets in McAfee Intrushield IPS.

Texas Children's Hospital

October, 2011 - May, 2015

Data Security Architect

Houston, TX

- Developed security standards, advised leadership and technical staff on security risks and best practices.
- Served on the "Architectural Review Committee" to approve the design of proposed IT systems, create technical standards and advise policy.
- Built an application delivery system around F5's BIG-IP technologies using Global and Local Traffic Managers.
- Set up a centralized multi-factor, risk-based authorization system for web app and MS Exchange clients with a mix of F5's Access Policy Manager (APM) and RSA's Adaptive Authentication.
- Set up F5's APM as the hospital's central identity provider for accessing cloud-based services.
- Protected web applications with F5's Applications Security Manager and SourceFire IPS.
- Built a DDOS mitigation scheme by peering with ISPs and incorporating Arbor's Pravail APS.

- Developed baseline security configurations for common OS's and applications on NIST and CIS Benchmarks.
- Set up Symantec's Control & Compliance Suite (CCS) to audit system compliance to configuration standards.
- Set up a meaningful risk assessment and reporting practice through the integration of Symantec's CCS with Symantec's Data Leak Protection, Endpoint Protection, and Rapid 7's Nexpose vulnerability scan results.
- Set up phishing campaigns using Rapid 7's Metasploit.

Texas Children's Hospital

Enterprise Systems Engineer - Contract

May, 2011 - October, 2011

Houston, TX

- Worked on securing, managing and upgrading Microsoft Exchange along with its ecosystem of products.
- Integrated Wifi authentication with Active Directory through RADIUS & 802.1x capable APs.
- Automated common MS Exchange and MS Outlook administrative tasks through VBscript and PowerShell scripts.

Alvarez & Marsal

System Engineer

February, 2007 - November, 2010

New York, NY

- Minimized MS Exchange failover and disaster recovery times by integrating VMWare's Site Recovery Manager with EMC Clariion snapshot and mirroring services.
- Created detailed continuity and disaster recovery plans for MS Exchange, DNS and web services.
- Managed encryption tools: PGP, Bitlocker, EFS, and Safend.

Katzenbach Partners LLC

Systems & Networking Lead

December, 2002 - September, 2006

New York, NY

- Led all MS Active Directory and MS Exchange-related work.
- Worked with consultants to build an Exchange-integrated Avaya VoIP system.
- Designed a multi-homed data center by way of BGP-peering with two ISPs.
- Built a multi-site WLAN around Cisco APs and Active Directory-based authentication.
- Secured systems, firewalls, and networking equipment using NSA, NIST, and vendor guidelines.
- Managed SonicWall/NetStructure, and Cisco firewalls.
- Set up detailed network monitoring.

Comtex

Desktop, Server Support

1997 - 2001

New York, NY