I have taken computers from cassette tapes to mobile clouds.  Wherever I work I relentlessly ship products that surprise customers in new, secure and safe ways.  Be it on the backend or the frontend, my teams reach measurable and meaningful milestones growing to achieve our goals.

**Skills**

Incident Response (IR) for enterprise including Threat Detection and Response

Insider Threat Design and Forensics for secure operations

Education for all layers of management in Security Awareness and Risk Management

Compliance controls, deployment and remediation for the Hybrid Cloud (NIST, FFIEC, OCC, HIPAA, HITECH, SOX)

Encryption in transit and at rest using HSM and PKI for Hardware/Embedded, Cloud, and On-Premises

High Availability (HA) design for Resilience, Reliability and Disaster Recovery (DR)

BlockChain hosting, smart contracts (Ethereum), and Truffle

**Amazon Web Services (AWS)** - Herndon, VA 6/2016-10/2019

**Lead Technical Account Manager (TAM)** building and managing the team for the first Financial Services firm to go All-in to the cloud, **Capital One**

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| * Quintupled spend and assets under management | * Added five new managers |
| * NIST, FFIEC, PCI-DSS | * Compliance, controls, and daily triage |
| * IR for DDoS and major DR exercises | * Migrated first bank into cloud |
| * Millions of customers | * Thousands of branches |

**Senior Consultant Professional Services** for top Financial Services firms such as **Fidelity**, **CME Group**, **Prudential** and Healthcare, **CareFirst**. Also, **Washington Post**.

|  |  |
| --- | --- |
| * Cybersecurity and compliance for FinServ, Health | * Financial Exchanges, Insurance, Media |
| * Hybrid cloud, Azure and AWS | * Identity and Access Management |
| * Landing zones, DevOps, DevSecOps | * C-Level meetings |

**Senior Security Engineer for All AWS Subsidiaries**. Liaise as lead for Corporate Infrastructure Security of all AWS Subsidiaries. **Annapurna Labs**, **Twitch**, **Elemental**. Penetration Testing, Remediation, Policy.

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| --- | --- |
| * Hardware Security, Supply-Chain and Media | * Initiated new Security Program for all Subsidiaries |
| * Endpoint Detection and Response (EDR) | * Security Information & Event Management (SIEM) |
| * Authorization and Authentication (AuthN/AuthZ) | * PKI/HSM, Hybrid Global Deployment |

**Virtual Nexus** -Silicon Valley, CA 11/2014-11/2015

Independent enterprise consulting for security and cloud migration.

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| --- | --- |
| * IDAM remediation of PII breach at eBay/Paypal | * CalPERS directory design $300 billion/assets |
| * Nuclear Energy to GovCloud (NERC/FERC) | * Multimedia design AWS |
| * KVM/QEMU Apache CloudStack | * Hayward schools Active Directory and monitoring |

**Walmart Labs – Global eCommerce** - Silicon Valley, CA 9/2013-8/2014

World’s fourth largest grossing website, Fortune 1, serving millions of daily users.

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| --- | --- |
| * Implement first vulnerability management program | * Secured OpenStack |
| * 30,000 critical/high to 8,000 medium in 6mo | * Hybrid Linux / AD with Centrify for production |
| * Compliance with PCI/DSS | * NextGen FW, mobile gateways, WAF |

**Kemtah** - Albuquerque, NM 11/2011-3/2012

Mobility and Security Architect for regulated customers in ealthcare and Department of Energy.

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| --- | --- |
| * Cybersecurity and compliance for Health / DoE | * Mobile Security speaker at DoE IT Conference |
| * NIST, HIPAA, HITECH | * iPads at 100’s of locations, 30,000 patients |

**Dell** – Southwest, USA 2/2010-1/2012

Senior Consultant and Infrastructure Architect.

|  |  |
| --- | --- |
| * Mail, Directory, Mobility, and Configuration MGMT | * Security, Government and Private Customers |
| * Mobile Device MGMT, Private Clouds | * Active Directory and Exchange |

**Ensynch** Prague, CZ, California 3/2009-1/2010

Infrastructure and Desktop Architect

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| --- | --- |
| * Desktop Design for 100,000+ in 108 countries | * 25,000 applications, various platforms |
| * Embedded, Mobile, and Desktop | * Patch Management and Config Management |

**NCI and DoD NETCOM** - Fort Huachuca, AZ, CONUS 11/2008-2/2009

Sysman Field Area Expert, NETCOM

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| --- | --- |
| * Largest SCCM/SCOM deployment in the world | * Multiple CONUS/OCONUS commands |
| * NIST, and STIG | * Security ISO Certified Level 2 |
| * SECRET Clearance | * 1,000,000+ devices |

**Cybersecurity Investigator, Consultant and Instructor** New Mexico and Virginia 7/2005-11/2008

Taught thousands of hours of University New Mexico Extension courses as well as investigated eForensics.

**Independent Consultant** - Silicon Valley, CA 1/2001-12/2002

Founded own company succeeding in a difficult market post-Dotcom bomb. Beat Microsoft and IBM in bids.

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| * Windows 2000 Charter Member and Instructor | * Migrated dozens of orgs and domains |
| * Collapsed thousands of mail servers | * Folded 50+ domains into 2 |
| * Fibrechannel SANs, hundreds of servers | * Chip Design, Media, Contruction, and more |

**Microsoft (Vendors and Agency)** – Redmond (MSFT HQ), WA and Silicon Valley, CA 3/1999-8/2004

Multiple positions, locations and customers.

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| --- | --- |
| * Software QA Tester on Windows 2000 | * Lead Microsoft’s first extranet (30 reports) |
| * Security Consultant for top 500 Microsoft clients | * World’s largest hosting provider |
| * SQL Hardware Tester for MSN | * Avenade, Accenture, Google, eBay, Yahoo+ |

**US Army** (Active and Reserve, SSG)

Forward Observer, Network Administrator (Cleared)

**­Education**

*Masters in Cybersecurity (MS) George Washington University 2018 GPA 3.96*

*Masters in Business Administration (MBA) Capella University 2007 GPA 3.85*

*Bachelors of Social Sciences Washington State University 1997 GPA 3.79*

Fullstack Software Engineering Immersive GA, AWS DevOps/SA/Pro/Security

AWS (x5) CISSP, CEH, CHFI, CCNA, MCSE(x4), Private Investigator (VA), ACTC(x2)

Truffle University Inaugural Cohort 2019 – Smart Contract Development and Deployment on Ethereum