

# Kevin P. Satterfield

## Certified AWS Solutions Architect & Developer Associate

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### Summary

Solutions Architect & IAM engineer with 9+ years of professional IT experience and 5 years of focused delivery for Multi-Factor Authentication infrastructure to .gov, healthcare, and enterprise-level organizations. With subject matter expertise, project management, and team leadership skills. Passionate about DevOps on the AWS platform, and am an active member of the acloud.guru and Linux academy communities.

### Work experience

#### Solutions Architect

2018-09 - Current

##### Identity Automation

Full stack engineer demonstrating product ownership in Public Cloud Infrastructure, delivery & 3rd party integration.

Solutions architect for 2-factor authentication for CJIS compliance. Perform hardware selection, software implementation, and networking necessary to deploy compliant authentication infrastructure to enterprise and public Safety environments

Provide pre-sales and proof-of-concept subject matter expertise to sales Engineers and account Executives. Active SME for sales demonstrations. Constantly discussing ways to make SoWs more accurate and technical sales demonstrations more efficient. Lead technical customer success and internal authentication support (SDLC) for MFA software

Research and design 3rd party integrations with AWS and virtual private networks to enforce MFA at VPN consoles and client logons by leveraging Microsoft Network Policy Server, RADIUS clients, one-time passwords, and push authentication

#### Team Lead Multi Factor Authentication

2018 - Current

##### Identity Automation

Designed, implemented and manage MFA hosted solution migration to RI owned VPC on AWS platform in GovCloud region Utilizing AWS VPCs, EC2s, ELBs, Ansible & Cloudwatch

Lead a team of engineers in escalated support for MFA on site deployments and hosted cloud infrastructure Designed,

Mentor to internal staff on 1-1, and team basis

Provide SME knowledge to sales and technical staff for MFA solutions

#### Support Engineer

2016-09 - 2018

##### Identity Automation

Senior engineer leading escalated customer and infrastructure support for MFA including; RFID cards, biometrics, One-time-Passwords, FIDO, Windows PKI, Bluetooth, SSO, and Push based Mobile Applications.

Managed MFA cloud solution through CloudNexa hosting utilizing AWS VPCs, EC2s, ELBs, Ansible & Cloudwatch

#### Technical Analyst

2015-07 - 2016-09

##### 2FA Inc

Provided fanatical high-level Windows support to 500+ customer base of public safety and healthcare organizations. Deployed MFA Windows-based environments for public safety and healthcare Organizations to meet CJIS and HIPAA authentication requirements. Led product integration with VMware Horizon View/ Performed Windows server event log and IIS log analysis

### Education

#### B.S - MICROBIOLOGY

2008 - 2012

##### TEXAS STATE UNIVERSITY

Dean's list recipient, associated student government Senator, Vice President of pre-medical & pre-dental society, Co-Chair of academic enrichment committee, and bobcat scholarship committee

### Certifications

#### AWS Certified Developer Associate (DVA)

Amazon Web Services

Validation Number: 82ZRMRH2BME1QNWK

#### AWS Certified Solutions Architect (SAA)

Amazon Web Services

Validation Number: WS2Y40D2B1V41QWN

### Skills

#### Technical

**Public Cloud Infrastructure:** AWS VPCs, ECS, Docker, ELBs, CloudWatch, CloudTrail, EC2s, DynamoDB, MySQL, RDS, Security Groups, IAM

**Authentication:** PKI Smart Cards, FIDO, Contactless Cards, OTP, push, Magstripe, Barcode, RBA, TLS, ADFS, SSO, RADIUS

**Language & Scripting:** Powershell, Python, JSON, Ansible, CloudFormation, ECS, Bash, CSS/HTML

**Databases:** MSSQL, MySQL, DynamoDB, RDS, Postgres, Aurora

**Virtualization:** VMware Workstation, VMware ESXI, VirtualBox, Hyper-V, Horizon View, Citrix VDI(Zen/store/gateway), AWS Workspaces, Azure VDI

**OS/Application Experience:** Windows Server 2008/2012/2016(IIS, Active Directory, DNS, GPO, NPS, Certificate Authority) CentOS, RHEL, Windows XP/7/8.1/10, Ubuntu, FreeBSD, FreeRADIUS,

#### Sales

SME for Senior Sales staff. Perform Pre-Sales PoC and Pilot architecture design and deployments. Public Safety, and Enterprise solutions consultant.

#### Delivery

Deploy authentication software and infrastructure to public safety, health care, and enterprise organizations. Train customers and internal staff on administration of authentication software and credential presentation workflows.

**IT Consultant****2015-04 - 2015-07** **Technical Management****IT in a Pinch**

On-Call IT consultant in the greater Austin area provided complete on-site and remote support for wireless networks, OSX, Windows desktops, and applications. Utilized Vortex ticketing system

Effective utilization of project management, customer satisfaction surveys (NPS) and ticketing systems (SalesForce, JIRA, FreshDesk, PagerDuty) to resolve issues within SLA timeframe. Provide 24/7 Level 3 on-call support for site reliability to on-premise and cloud customers.

**System Network Administrator****2014-08 - 2015-05****Hootcall**

Deployed physical and virtual infrastructure for 200+ VOIP agents. Provided stand-alone Windows hardware, software, and domain level Support to 200+ user base

**Desktop Support Analyst****2011-08 - 2014-05****Texas State University**

Provided support for Windows 7, and OSX operating systems for the Microcomputer lab at Texas State University-San Marcos