Paul G. Sebesta

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**Cloud Architect – Cloud Security Architect**

Design Cloud Security | Cloud Administration and Security | Design Cloud Solutions

Reliable, passionate, and resourceful cloud security and solutions architect with over ten years of experience securing enterprise level infrastructure. The ability to see the business needs as a whole and design cloud solutions, security policies, systems, industry standards and regulations for end-to-end protection and reliability. Strong Knowledge in cloud platforms Azure and GCP, infrastructure security, cloud application security, legal risk and compliance, cloud concepts architecture and design.

* Successfully migrated infrastructure and applications to the cloud while architecting cloud platform, data, compliance, and application security.
* Resourceful leader with the ability to assess issues pertinent to the needs of the business while implementing new and innovative security techniques.
* Highly motivated manager with proven proficiencies in time management, multitasking, staff training, and mentoring while instilling motivation and promoting teamwork.

**Core Competencies**

Cloud Security Architect | Azure Solutions Architect Expert | Azure Security Engineer | Azure Administrator | Automation | Virtual Machines | Networking | Cloud Concepts | Architecture and Design | Cloud Data Security | Infrastructure Security | Cloud Application Security | Cloud Security Operations | Risk and Compliance | CCSP | Bachelor’s degree | SIEM

# Projects

## Infracstructure as code

* Designed and deployed a 3-tier architecture dev environment using Terraform to push to azure. This included writing the scripts for these azure resources: networking, security, app gateway, waf v2, mySQL flex server, bastion, Linux vm’s with bash scripts to configure the vm’s, Jenkins server.
* Designed and deployed a Mitel Phone system with secondary backup region using IAC to deploy multiple Linux vm's with custom images, windows vm's, networking, subnets, security groups, secure jump box for administration, storage bucket, and SQL.
* Designed and deployed a 3-tier architecture production environment for our custom CRM app that we moved from on prem to Azure using terraform. Single point ingress with app gateway using URL pathing, redirect, and ssl offloading. Using 3 backend pools supporting 3 version of the CRM connecting to MySQL flexible servers. API’s connecting to 3rd party support.

## Website

* Updated a company website that was running in an on-prem windows environment. Pushed code to azure repo where dev team updated the PHP code to the current version and to run on Linux. I created a web app service in Azure with deployment slots (test, staging, prod), using custom domains with ssl, and connected the deployment center to azure Devops repos for continuous deployment.

## Devops

* I was put in charge of the development team that was behind schedule, had no Devops pipeline, version control, or automation. The project consisted of updating PHP from 5.6 to 8.1, fix security holes, and move off the on-prem environment to Azure. I introduced Azure Devops where I created projects with separate repos for 3 different code bases. implemented agile and helped train the teams to use azure boards, standards, and best practices. implemented Jenkins server with webhooks to azure repos this was to handle the CI part of the pipeline and I used azure pipelines to handle the CD part.

## personal

* created a resume website hosted on GCP using Compute Engine running a Linux instance. I used a website template than modified the HTML, CSS, and Java script to fit my needs. Used VScode and GitHub for editing and version control.
* Created a WordPress Blog website running on GCP compute Engine with a mysql backend. The intent for this site was to give back to the IT community by sharing knowledge, create labs, and share my journey in IT, cloud, and security.

# Experience

## IT & facilities manager | Jackson Nurse Professionals | 2019 - current

* Designed and executed a lift and modernize of the EOL on prem environment and applications to Azure increasing security, availability, and productivity at all levels of the business.
* Observed issues within the dev environment planned and implemented a CI/CD pipeline with SAST/ DAST solutions helped train the team on the tools. This greatly improved Dev workflow shortened time between patches/ releases and increased the security of the applications and websites.
* Performed a Security analysis of the company’s systems to design and execute new security controls to mitigate any weak point to meet our regulatory compliance (HIPPA, PHI, PII) as well as business needs and risk appetite.
* Designed and implemented a layered defense in our cloud environment using tools such as WAF, NSG, encryption, key management, RBAC, MFA solutions, SIEM and monitoring.
* Interpret business goals, map, and design cloud/ security solutions for those goals. Communicate it to the engineering and development teams and help implement those solutions.

## Network & Security admin | taylorworks | 2014 - 2019

* Deployed, supported, and optimized hybrid cloud solutions such as Microsoft Office 365, Exchange, Azure Active Directory, Azure Information Protection.
* Managed Windows Server OS and Ubuntu Linux virtualized infrastructure in VMWare and Hyper-V environments; ensured reliability and scalability for on premises application workloads, performed SQL database migrations, and software updates as needed.
* Participated in various client-facing scenarios that analyzed and defined business strategy. Researched and translated technical requirements into actionable plans. Worked together with sales engineers, support staff, project managers and key stakeholders to meet project deadlines & SLAs.
* Performed network administration duties including management of firewalls (SonicWALL, WatchGuard, Sophos), switches (Cisco, NetGear, HPE/Aruba) and end point security (Microsoft Defender, Azure ATP). Implemented VPN(IPSEC/SSL/IKEv2), RADIUS & 2 Factor Authentication configurations to support remote offices and staff.

# Education

## Bacholor of science | 3/8/2008 | fullsail

# Certifications

Azure Solutions Architect expert | CCSP | CompTIA Security + | Azure Security Engineer |

Azure Administrator Associate | Cisco CCNA | CompTIA Network +

In progress: Linux+ | Azure DevOps | GCP Associate Cloud Engineer | GCP Professional Cloud Architect | Azure cybersecurity | Kubernetes