Zachary Hill

https://zacharyhill.co
zhill@zacharyhill.co

EXPERIENCE

Think|Stack

Chief Technology Officer   2018 – Present

- Provide the technological vision both for within Think|Stack and for clients in order to provide business value to either Think|Stack or the client. Take that vision and create the short-term and long-term strategy by which to achieve said vision.
- Create and prioritize organizational goals as it pertains to data and technology.
- Understand the digital landscape to keep Think|Stack and clients ahead of the curve in all technological areas. Identify when a technology is reaching the point of emergent behavior and define whether that technology could have an impact within Think|Stack or with our clients.
- Spend time understanding various technologies at both an engineering level and a strategic level to merge them together for comprehensive solutions.
- Develop the internal technical talent at Think|Stack through excitement, training, and challenges by providing clear paths for each employee's technical development.
- Acting CISO at Think|Stack between 2019-2023 which included oversight of the cybersecurity team and all CISO role functions.
- Acting CIO/CTO for clients to deliver strategy, budget, board packets, and advice.
- Final escalation point for all team members for both technical and operational questions or needs.
- Work with clients to understand their needs and design infrastructure and projects around those needs.
- Work with the CEO, COO, and CFO to create scalable and viable solutions for Think|Stack and our clients.
- Work closely with the team to oversee the internal teams, provide priorities, and solve problems.
- Fulfilling all functions of the previous CISO's role
- *Includes all functions from VP of Architecture role.*

Key Achievements

- Built the AWS and Cloud programs, resulting in AWS Advanced Tier partner status with AWS and a multitude of AWS awards and competencies.
- Championed cloud migrations within the credit union space, becoming the 4th largest migration specialist by volume and spend with AWS.

- Developed and deployed the DevOps framework and later the DevSecOps framework and processes.
- Implemented and achieved SOC2 Type 2 audit and report since 2019.
- Created, programmed, and expanded a proprietary AWS Backup SaaS solution for our clients.
- Built the project program in which Think|Stack recommended and executed projects for cloud, networking, infrastructure, and security.
- Built the technical training program for employees and provided monthly mentorship to engineers.
- Developed a scalable digital transformation journey for our clients with clear steps.
- Environments tested through multiple vendor penetration tests over time with zero findings.
- Oversaw acquisition with another MSP in 2021. Involved in the combination of tools, processes, and employees.
- Key in building and improving upon the project management program.
- Built a project and resource management program with our COO utilizing agile methodologies.
- Developed and brought in house a SOC (security operations center) service utilizing a SIEM and XDR at the center of the service.
- Company was profitable for the first time in its history after building the new project team and project program in my first two months. Year over year increases in revenue and profitability since inception.

Think|Stack

VP of Architecture   2016 – 2018

- Built a project team to implement project-based work with clients.
  - Managed the team which included things such as one-on-ones, performance reviews, scheduling work, teaching the team, and project management.
  - Projects such as: O365 migrations, email security migrations, network segmentations, firewall implementation/migrations, SD-WAN implementations, SIEM, infrastructure refreshes, and AWS migrations.
- Designed and implemented AWS migration strategy, both the technical and business strategy.
- Designed and built open source Terraform modules for use in projects and services resulting in over 25,000 lines of code.
- Designed and built open-source AWS backup software. This software was built as a SaaS offering and deployed to all cloud clients at Think|Stack.
- Designed and built DevOps and Infrastructure as Code programs within Think|Stack.

- Oversaw the sales team for all quotes to clients. Created and approved all hours and costs for quotes prior to delivery.
- Oversaw all technical designs and implementations both internal and external.
- Set annual and quarterly goals for the project team.
- Set technical goals for the company.
- Company was profitable for the first time in its history after building the new project team. Year over year increases in revenue and profitability.

RedZone Technologies
Senior Network/Systems Engineer   2008 – 2015

- Project based consulting for numerous clients.
- 70+ Assessments
  - Gathering full network data, including router, switch, load balancer, compression devices, wireless controllers, and firewall configurations to build an overall picture and assess any problems, errors, or inefficiencies.
- Network Architecture and Engineering
  - Planning and building LAN/WAN networks from the ground up. Over 200+ full scale projects.
  - Campus layer, access layer, and datacenter switching.
  - Edge and internal routing.
  - 40+ Major IP and VLAN architecture changes.
  - Implementing dynamic routing for WAN infrastructure between different geographic locations.
  - Primarily focused on EIGRP and BGP.
  - 20+ MPLS WAN rollouts each involving specific requirements per project, including GETVPN solutions, dynamic routing, and multihomed scenarios.
  - Lead engineer for all LAN/WAN based projects.
- Virtualization Systems Architecture and Engineering.
  - Planning and building virtualization infrastructure from the ground up, currently over 100+ projects.
  - SANs, Hosts, Networking backbone, etc.
  - Building and implementing VMware infrastructure.
  - Building out ESXi clusters.
  - Configuring distributed and standard switching in vSphere.
- 17 Exchange upgrades/migrations from Exchange 2003 to Exchange 2007 or Exchange 2010.
- 12 Major P2V projects. Assessment of server workload. Planning the virtual environment hardware. Migrating physical servers to virtual environment.

- 14 DR site architectural builds as well as including planning, data seeds, migrations, and architecture changes.

SKILLS

Misc.
Leadership • DevOps • Terraform • Git • Python • Cybersecurity • NIST Cybersecurity Framework • Network Architecture • Disaster Recovery • System Architecture • Cloud Architecture • Tool selection • Process building

Clouds
Amazon Web Services (AWS) • Microsoft Azure • Microsoft 365 • GitHub • Heroku • Cloudflare

Operating Systems
VMware ESXi • Microsoft Windows Server 2012/2016/2019/2022 • Windows 10/11 • MacOS • Linux Ubuntu/CentOS/SuSE/RedHat/FreeBSD

Hardware
Cisco • Meraki • Fortinet • Dell • NetApp • Palo Alto

EDUCATION

Certifications:
- AWS Solutions Architect – Professional | 2022 & 2019
- AWS Solutions Architect – Associate | 2022 & 2019
- Next Generation Leaders Program | 2016 - 2017
- VMware Certified Professional – Data Center Virtualization | 2009 & 2013
- CCNP (Previously held) | 2012
- CCNA (Previously held) | 2010

DeVry University of Addison   Addison, IL   2005 - 2006
Network Communications Undergraduate
- Credits in network communications courses, hardware courses, basic programming courses, and conceptual security courses.

REFERENCES
References available upon request.