

Dwight Spencer
Albany, NY

Summary

Seasoned professional with over 17 years of hands-on expertise in team leadership, cloud-based infrastructure, DevOps, and building high-availability full-stack systems. Consistent career around providing clients with top-notch support throughout the product life cycle, project management, and system deployment in diverse environments, from the cloud to on-premises solutions. Extensive knowledge of building DevOps teams and overseeing the implementation of cloud environments.

Top Skills

Agile Project Management Go (Programming Language) Information Security Cloud Architecture Global Cross-Functional Team Leadership

Application/Technologies

Ansible, Python, Go, NodeJS, Terraform, OpenStack, AWS, GitHub, GitHub Actions, Docker Swarm, Linux, and Vim. As a code contributor to projects like Docker, Telegraf, and Ansible

Experience

Director, Technology Management - Systems Services and Support

Da Planet Security · Self-employed

Feb 2020 – Present

Wilmington, Delaware

- Lead and own infrastructure on AWS and On-prem.
- Manage people and develop the roadmap for success of the DevOps team.
- On-call support when necessary, doing break fixes, and SEV 1/SEV 2 incidents.
- Developed Automatization policies for optimizing tech stack and solutions while determining the path to the next step in evolution.
- Works with SRE's, Operations, Business, Architecture, and Service providers to identify, mitigate and resolve risks in the environment.
- Work with team leadership to implement practices and principles for the team.
- Established operation budgeting and reporting to C level directors.
- Established service operation contracts with Capital One and Airbnb for both Identity management and Devops infrastructure solutions
- Deliver next-gen capabilities around trends, being predictive (AIOps & machine learning) and establishing firm-wide KPI's and dashboards that drive Operational decisions and improve the resiliency of technology for our customers.

Technical Skills:

- Developed AIOps tools in go based on internal frameworks which focused on highly available infrastructure management.
- Built internal frameworks which integrated influx dB, gorm, gin, and cobra for rapid application development.
- Developed Terraform providers to manage dApp deployments to ipfs
- Developed serverless functions using go, CloudFormation, and python for various clients.
- Contributed bug fixes to portainer and openfaas serverless framework.

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- Developed GitHub Actions in go and python.
- Contributed to bug bounty hunter project for various Fortune 500 companies using go lang as their programming language.
- Built serverless containers for mobile first vue.js and react.js progressive web applications.
- Published ansible roles to ansible galaxy for security testing and zero trust networks
- Developed high available blockchain networks.
- Implemented test nets for security testing of Ethereum contracts and PWA dApp development.

Technical Skills: Distributed Team Management • Strategic Planning • Project Management

Cloud Architect / Technical Manager

Techolution

Nov 2021 – Jul 2023

New York

- Architected solutions for several clients including Drone Racing League, Wendy's, New York Times, Relias, and Audacy.
- Engaged in direct conflict resolution between stakeholders, technical contributors, and clients resulting in several accounts being saved.
- Developed AI based automation.
- Developed IaC code using Terraform, Helm, and Kubernetes
- Migrated Customer environments from multiple cloud providers (AWS, Azure, Heroku, on-prem) to Google Cloud with a focus on cost reduction and high availability.

Technical Skills: Google Cloud Platform (GCP) • Digital Transformation • Global Cross-Functional Team Leadership • Project Management • Cloud Architecture

SRE Technical Lead - Infosec Lead

OMG

May 2021 – Nov 2021

Dallas, Texas

- Daily duties consisted mainly of infosec, Golang development, Kubernetes administration, and Cloud Architecture work.
- Simplified and documented several engineering processes.
- Implemented a "Check your ego at the door" culture among the engineering department Lead, implemented, administered code quality and security scanning gates for over 150 code bases (golang, php, terraform, kubernetes/helm, posix scripts)
- Developed solutions for APM by implementing datadog tracer.
- Managed Security Solutions, Central Logging systems, along with preformed security scanning/testing for onsite systems and cloud-based infrastructure.
- Successfully reduced security risks for over 56000 critical and high impatching CVEs
- Lead initiatives to improve site reliability by implementing horizontal and vertical autoscaling in Google cloud and kubernetes.
- Integrated access control systems with terraform and GCP IAM.
- Generated Monthly incident response reports.
- Developed and lead corporate wide continuous security education program.
- Acquired ISACA Certified Information Security Manager

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Albany, NY

- CI/CD (Jenkins, GitHub, Google Cloud Build)
- Vendor relationships to ensure proper contracts.
- On-call rotation/Incident management (OpsGenie)
- Datadog integrations/monitoring
- Agile best practices with JIRA: organization with Epics and Roadmaps
- Documentation of processes/how-tos/architecture/etc (Confluence)
- Automation with Terraform

Technical Skills: Go (Programming Language) • Google Cloud Platform (GCP) • Cloud Architecture • Docker • Agile Application Development

Principal Cloud Architect Lead

Mr. Cooper · Full-time

Jan 2018 – Feb 2020

Dallas/Fort Worth Area

- Over saw migration efforts from prem servers and virtual machines to complete cloud-based strategies as DevOps Leads for Corporate IT.
- Designed enterprise wide SIEM solutions.
- Key in migration legacy authentication to enterprise wide SSO implementation
- Developed policy and procedures towards devops enterprise-wide best practices with inventory management, secret store, logging, performance monitoring, and continuous deployment

Technical skills: Python, Go, NodeJS, PowerShell, SAML, OpenAPI/REST, Terraform, Ansible

Chairman

Dallas Makerspace

Oct 2016 – Dec 2019

Dallas/Fort Worth Area

- Originated Committee events, budgets, and membership drives
- Built relations with Pearson Vue to provided Certificate training
- Built frameworks for application teams to rapid design and develop applications (github.com/denzuko/baseapi, <https://github.com/denzuko/baseui>)
- Developed self-healing laas platform github.com/Dallas-Makerspace/datagrid to run serverless applications, rest backends, classroom code, tensorflow, and host committee websites.
- Developed Private Ethereum network called Maker Coin
- Developed Core Curriculum

Technical skills: Project Management, Team Leadership, Education development, Docker, AWS, Ethereum, SOLID contracts, MySQL, PHP, Node, Python, Ansible
Skills: Digital Transformation • Global Cross-Functional Team Leadership • Agile Project Management

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Development Team Lead
Verizon Wireless
Sep 2016 – Nov 2017
Southlake, Texas

- Awarded MVP Employee "Outstanding Player 2017" for recognition on my contributions for Building an in-house Development team, Successful development of core tools, and Leading Mentorship in DevOps, Agile, and IaaS
- Designed and implemented Core Team culture practices; "DevOps Experience" which provided base guidelines, tools, and best practices for operating cloud environments, developing microservices, and service delivery by adhering to Scrum ceremonies, Using CICD, Ansible, and docker swarm with a workflow that is centered on automation, mobile app, and rapid development first.
- Automated the deployment of OpenStack Network components (DELL, Client, Big Switch) to build and monitor performance systems for daily operations of the systems.
- Participated in the automation build process.
- Developed daily CI/CD for application and hardware builds.
- External testing applications that aid in the availability to build a site and then used as part of the monitoring of a site.
- Architecture PaaS solutions centered around Docker Swarm.
- Spearheaded Operational and Development Standards that sets the expectations for scrum teams and communicates with external Business units the core set of expectations.
- Worked with Director and Senior Leadership to build business requirements.
- Managed transition from Waterfall to Agile project methodology; analyzed points of failure and developed new release process using Agile methodology resulting in immediate release successes.
- Responsible for utilizing aspects of both Lean Six Sigma and Agile Project Management best practices to conduct User Story Workshops, Backlog Refinement, Sprint Planning, Daily Scrum, Sprint Reviews, and Retrospectives
- Detailed documentation of issues and risks to improve risk mitigation, issue resolution and reduce turnaround time of impediments and blockers.
- Developed JWT SSO microservice, SIEM and APM, DCIM integration into Ansible and ELK/TICK

QA Engineer
Fidelity Investments
Dec 2015 – Jul 2016
Dallas/Fort Worth Area

- Serve as a key member of software development team as the lead QA tester on development projects for personal investment and digital services teams.
- Key architect in delivering new blue/green deployment strategies which cut testing and push production to a third of the time and cost.
- Assured quality of code and adherence to unit testing development through code auditing and generation of reports.

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- Advised multiple development teams on code improvements and direction of project.
- Developed CI/CD Pipelines
- Built custom docker based CICD tool with NodeJS/AngularJS frontend
- Wrote and Executed end to end and integration testing with protractor, postman, and selenium.

Solutions Architect/Technical Consultant

Mary Kay Inc.

Aug 2015 – Nov 2015

Addison, Texas

- Devised key performance indicators and operation policy for Infrastructure monitoring team.
- Lead the discovery and architecture planning for Elasticsearch, Redis, RabbitMQ, and MongoDB clusters.
- Maintained windows server (2003, 2008, 2012), MSSQL, and IIS hosting services.
- Integrated AWS deployment solutions
- Integrated Elasticsearch and Linux systems into Active Directory.
- Developed PowerShell modules for automated tasks related to Elasticsearch.
- Evaluated Windows Server 2016 Container technology.

Senior DevOps/Production Operations

MEplusYOU Agency

Feb 2015 – Jul 2015

Dallas, Texas

- Advised board members on Industry best practices.
- Lead the discovery, architecture planning, and development phases for cross platform and cross hosting environment orchestration system.
- Acquired business relations with key third-party solution vendors.
- Architecture a full featured Platform-as-a-Service solution for DevOps based clients.
- Designed and implemented modern APM and SIEM solution to replace post lifecycle.
- Host monitor monitoring infrastructure with Statsd/Graphite, Logentries, Pingdom, NewRelic, and Pagerduty.
- Key figure in development and deployment of scalable ITIL based Central management solutions for clients.
- Lead generation and sales engineering for a managed DevOps service provider

Founder, IT Solutions Director

CompuTEK Industries, LLC.

Jun 2003 – Nov 2014

Colorado Springs, Colorado

- Provided on-site, remote, and consultation for Solutions Engineering per contract basis for Web Application development and IT support services.
- In 2005 Developed internal automation standards and presentations for channel partners (IBM, puppet labs, newrelic, and engine yard) on Development Operations [later coined #DevOps by presentation attendees.
- Primary role involved working directly with the end customer to provide a customized solution and extended support.

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- Other role requirements involved daily operations management, team building, marketing strategy development and end user product development.

Interim Chief Technical Officer

TheLab.MS

Jan 2014 – Jun 2014

Plano, Tx

- Maintain and provide usable workshop area for members.
- Ensure safe day-to-day operations of business and establish/document best practices.
- Enable limited-mobility access to workshop.
- Inspect and report on status of safety devices.
- Maintain networks and server co-location environment.
- Facilitate telecom systems for membership and co-working.
- Work alongside Networking Committee to provide tools and solutions for technology needs of business and membership.
- Update integrated security and access systems as needed.
- Communicate and work with third-party entities to complete construction projects and repairs to facility.
- Allocate and assign floor-space for large projects and static workshop elements.

Education

University of Phoenix Bachelor of Science Business, Web Development 2010 – 2014

TechFocus RHCE Computer Science 2007 – 2007

Colorado Technical University Bachelors Computer Science 2003 – 2005

Certifications

Red Hat Certified Engineer – February 2007 – Present

AWS Certified Solutions Architect – March 2015 – Present

Amazon Leadership – March 2019 – Present

Udemy Certified Information Security Manager (CISM) – June 2022 – Present

ISC2 Google Cloud Certified Professional Cloud Architect – January 2022 – Present