With over 20 + years of experience, I have successfully created and deployed various Cloud Environments, including AWS, Citrix Xen, and MS Azure. Additionally, I have extensive knowledge in streaming media platforms, embedded systems, and software engineering. As a passionate advocate of best practices, I specialize in DevOps, Security, and Compliance (DevSecOps). I am eager to contribute my expertise and make a significant impact in roles related to DevOps, Engineering, and Architecture.

**CERTIFICATIONS**

* PHP (2008)
* RHEL (2008)

 **AREAS OF EXPERTISE IN ENGINEERING AND DEVOPS**

* #InfrastructureAsCode: Chef, Ansible, CloudFormation
* #Automation: Python Scripting (boto3 framework), Bash
* #Compliance: GDPR, SOC 1, SOC 2, PCI/PHI
* #Containerization: ECS/EKS/Docker
* #Orchestration: Kubernetes
* #DataBase: MySQL, PostgreSQL, Aurora, MSSQL, CouchDB, MongoDB
* #CI/CD: Jenkins CI/CD with Jenkinsfile Pipeline (Groovy DSL)
* #CloudServices: Amazon AWS, Microsoft Azure
* #Security Vuln and Code Analysis: Snyk, SonarCube, Black Duck, RKH
* #Virtualization: VMWare, VirtualBox, KVM, Hyper-V
* #ConfigurationManagement: Vagrant, Packer, Consul, Terraform
* #MonitoringAndLogging: Nagios, Graylog2, ELK Stack, Logstash, DataDog, New Relic, Grafana, Prometheus

**PROFESSIONAL WORK EXPERIENCE**

**DevSecOps Lead - *MTI - Mobile Technologies Inc. · Hillsboro, Oregon, United States · Remote
July 2023 - November 2023 (RIF Org Wide)***

* Led Infrastructure as Code (IaC) implementation with Jenkins CI/CD, CloudFormation, Terraform, and Terragrunt for scalable deployments.
* Orchestrated containerized applications on Amazon EKS, kops, and EKS Anywhere for improved scalability and reliability.
* Established and managed CI/CD pipelines using Jenkins and optimized software delivery with salt scripts/salt admin server.
* Implemented configuration management solutions with ArgoCD and Helm for deployment consistency.
* Developed CI pipeline scripts in Python and Groovy to streamline operational tasks in Jenkins.

*Skills Utilized for this Role:* Amazon Web Services (AWS) · kops · Groovy · Terraform · ArgoCD · EKS EC2 · Helm (Software) · Amazon EKS · EKS Anywhere · helmsman · Jenkins · Kubernetes · Terragrunt · Python (Programming Language) · Docker Products - Snyk

**Lead DevOps / SecOps / DevSecOps Roles - *Various Agencies and Businesses, United States · Full-time/Contract
Jan 2021 - May 2023***

* Delivered cutting-edge projects in AWS CI/CD and assisted in Terraform migrations for improved Total Cost of Ownership.
* Implemented Chef IaaS solutions, managed Kubernetes clusters, and facilitated automation between Chef and Ansible.
* Provided AWS DevOps consulting for critical sector migrations, ensuring smooth transitions.

*Skills Utilized for these Roles:* Amazon Web Services (AWS) · Service-Level Agreements (SLA) · Agile Methodologies · Management · Business Relationship Management · Terraform · AWS CloudFormation · Jenkins · Kubernetes · Leadership · Ansible · Load Balancing · Microservices · Python (Programming Language) · Object-Oriented Programming (OOP) · Docker Products - Snyk - SonarCube - Black Duck - Hashicorp Tools

**Head of Engineering *FDCServers.NET
Feb 2021 - November 2021***

* Spearheaded establishment of SaaS Business Unit, crafted visionary system architecture, and led multi-project teams.
* Forged strategic technology partnerships, managed contracts with service providers, and mentored cross-functional teams.
* Ensured network security, compliance, and operational excellence while overseeing network abuse management.

*Skills Utilized for this Role: Strategic Planning, Partnership Development, Team Leadership, Network Security, Compliance Management*

**Sr. Dev/SecOps Engineer / Team Lead - *Verizon Location Services (formerly AOL/MapQuest)
Sept 2016 - Jan 2021***

* Led migration of on-prem systems to AWS cloud, implemented CI/CD pipelines, and managed authentication integrations.
* Developed automation scripts with Chef and Ansible, and maintained frequent updates and releases of the platform.
* Managed 2-factor authentication integration, enhancing security compliance.
* SOC Security and Compliance Management
* Chef cookbook development and management.
* Jenkins CI development and management.
* Build and Release Frequent MapQuest updates.
* Agile/Scrum environment, standups, backlog grooming, sprint planning, retro’s, demo’s.

*Skills Utilized for this Role:* Amazon Web Services (AWS) · Service-Level Agreements (SLA) · Agile Methodologies · Business Relationship Management · Terraform · AWS CloudFormation · Microsoft Azure · Amazon S3 · JavaScript · Jenkins · Kubernetes · Gitlab · Leadership · Ansible · Load Balancing · Microservices · Python (Programming Language) · Object-Oriented Programming (OOP) · Docker Products - SonarCube - Crowdstrike - Falcon - Athenz.io - YubiKey - FIDO

**Sr. DevOps Engineer *Huron Consulting Group/ My Rounding
March 2015 - Sept 2016***

* Developed LAMP stack applications and custom Nagios plugins, deployed VPN/IPSEC/Openswan/Libreswan across organizations.
* Configured and maintained Continuous Integration processes, developed recovery plans, and provided technical leadership.
* Managed Amazon Cloud services and ensured compliance with HIPAA and SOC 2 standards.

*Skills Utilized for this Role:* Amazon Web Services (AWS) · MySQL · Service-Level Agreements (SLA) · Agile Methodologies · Management · Business Relationship Management · DevOps · Amazon S3 · PHP · JavaScript · Jenkins · Leadership · Load Balancing · Microservices · Object-Oriented Programming (OOP)

***Sr. Software Engineer - Roomlinx, Inc***

***Oct 2012 - March 2015***

***Sr. LAMP Stack Engineer - Liquid Compass***

***Nov 2009 - Sept 2010***

***Sr. Network Engineer - Spacial Audio***

***Dec 2006 – Nov 2009***

***Founder / Owner - MediaCast1***

***March 2000 – Dec 2006***

***Social Developer Accounts***

* Bitbucket <http://bitbucket.org/davestj>
* GitHub <http://github.com/davestj>

Profile [www.davidstj.com](https://davidstj.com/)