Cristian M. Arendell

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PROFESSIONAL SUMMARY

Results-driven Director of DevOps with over 8 years of experience in cloud architecture, systems monitoring, and infrastructure optimization. Proven ability to drive significant cost savings, enhance developer experience, and lead high-performing teams. Expertise in leveraging cloud-native technologies to streamline processes and achieve operational excellence.

CERTIFICATIONS

- CompTIA Security+
- CompTIA CySA+
- AWS Solutions Architect - Professional

EXPERIENCE

AtScale, Inc.
Boston, MA

Director of DevOps
May 2024 – Present

- Led a geographically diverse team of 13, fostering a collaborative and inclusive environment and ensuring zero turnover during times of organizational change.
- Implemented cost-saving measures, including cleaning up existing infrastructure and developing React/NextJS internal self-service tools, resulting in a 35% reduction in cloud expenditure.
- Introduced Kubernetes, Helm Charts, and marketplace deployments for GCP, Azure, and AWS, significantly improving operational efficiency and developer experience.
- Reformed CI/CD processes, reducing build times and developer feedback loops by one hour per PR, and optimized infrastructure by eliminating unnecessary machines and an entire colocation site.
- Enabled the company to get listed on cloud marketplaces by ensuring deployment tools were compatible with cloud services.
- Enhanced CI processes and received positive feedback from developers on streamlined processes and reduced build times.
- Mentored junior team members through pairing with experienced buddies and encouraging independent project handling, leading to skill acquisition and career advancement.

- Led a successful SOC2 audit from start to finish, ensuring compliance with industry standards, and addressed security vulnerabilities by implementing best practices.

Cloud Architect
January 2023 – June 2024

- Defined and executed the organization's cloud strategy, leveraging knowledge of cloud computing technologies, business drivers, and emerging trends.
- Managed and coordinated cloud architecture in collaboration with network, software engineers, and data managers.
- Acted as a key decision-maker in the design and implementation of workloads across AWS, Azure, and Google Cloud Platform.
- Redesigned and modernized CI/CD processes, incorporating best practices and new technologies to improve efficiency, speed, and quality of deployments.
- Successfully reduced operational costs by 25% through the implementation of automated solutions and process improvements.
- Supervised and mentored a team of interns, providing practical experience and knowledge in cloud computing.

Linus Health
Boston, MA
Senior Site Reliability Engineer
February 2022 – January 2023

- Collaborated with engineering teams to implement AWS infrastructure for production environments.
- Established CI/CD processes to streamline code deployment across multiple environments.
- Promoted a service-ownership model, advising on best practices around observability, alerting, and system design.
- Leveraged infrastructure as code for complex workflows and rapid fault resolution.
- Coordinated with data engineers and architects to support complex ETL pipelines and provided mentorship to junior employees.

Mimecast
Boston, MA
Site Reliability Engineer - Level II
July 2021 – February 2022

- Monitored and supported production and development environments for over 500K customers.
- Provisioned configuration changes for over 2,000 servers and managed US/FEDRAMP deployments.
- Developed tooling and dashboards for enhanced system monitoring and incident remediation.
- Collaborated with internal teams on server and business system changes.

Snyk
Boston, MA
Systems Engineer
November 2020 – July 2021

- Automated and integrated systems using Python, Shell, Go, and Node.js.
- Improved platform performance and security through new technology evaluations and implementations.
- Developed and tested code using CI/CD processes with CircleCI.
- Led development processes on systems configuration management using Terraform and custom Go providers.

JPL
Harrisburg, PA

Senior System Administrator
December 2019 – November 2020

- Led large IT implementation projects, including Office 365 migration and cloud data lift, resulting in a 50% YOY reduction in spending.
- Created compliance documentation for client RFPs, including SOX, HIPAA, NIST, and CIS standards.
- Assessed vendors and developed test strategies for new hardware and software.

System Administrator
June 2018 – December 2019

- Supported Windows and Macintosh in an Office 365 environment and managed virtualization solutions with VMWare Horizon.
- Provided firewall support and troubleshooting for a multi-location WAN/LAN.
- Performed routine patching via SCCM and managed network MFPs.

Harrisburg University
Harrisburg, PA
Adjunct Cybersecurity Instructor
December 2019 – December 2021

- Prepared, taught, and evaluated courses on Security+ and CISSP.
- Contributed to the development and management of courses, curriculum, and academic policy.

Leidos
Camp Hill, PA

System Administrator
August 2017 – June 2018

- Assisted with the upgrade of a 10Gbit networking backbone utilizing Nutanix HCI.
- Administered over 1TB of SQL Database data and instances, including permissions, groups, and data recovery.
- Managed new install projects for servers, switches, and other network resources.

Penn National Gaming, Inc.
Grantville, PA
Technician Supervisor
October 2016 – August 2017

- Managed technicians, ensuring compliance with Pennsylvania Gaming Control Board regulations.
- Trained repair personnel and maintained parts inventory and tools.
- Collaborated with other departments and outside contractors to ensure work completion as requested.
- Promoted and maintained high levels of customer service.

EDUCATION

McCann School of Business & Technology
Associates Degree in Computer Science
Graduation: 2014