Matthew Malesky

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Experience

Federato **December 2025 – July 2026**

Senior Infrastructure Engineer *Remote*

- Built a prototype Kubernetes ingress-nginx migration path to Traefik ingress controller in a complex multi-ingress, many environments system managed with Terraform, Helm, Argo CD, and GitHub Actions.
- Developed white-label and branding customization infrastructure tools for reseller customers.
- Maintained cert-manager automatic TLS certificate management environment (ACME) system.
- Maintained and expanded Teleport application access for services in 50+ Kubernetes clusters.

coalesce.io **September 2021 – October 2024**

Head of Infrastructure & SRE *Remote*

- Managed a high performance team to lead site reliability, cloud infrastructure, and software CI/CD projects at a seed to Series-B data processing SaaS startup, with over 75 customers, and more than $4M annual revenue.
- Maintained and deployed coalesce.io software from application code and up, including Terraform, Linux application containers, hosting platform design, CI/CD, and other items.
- Operated original pre-revenue prototype applications in a single region, as an individual contributor.
- Implemented cert-manager automatic TLS certificate management environment (ACME) system.
- Implemented a canary blue/green version experimentation system that allows software versions to be transparently deployed to individually selected customers, using NGINX Kubernetes ingress and host aliases.
- Designed and contributed to build and test CI/CD infrastructure using GitHub Actions and Argo CD that replaced a Jenkins legacy infrastructure. Increased build, test, and deployment frequency by over 20x and reduced run times by 50% or more.
- Led troubleshooting and participated in primary on-call rotation for customer outages and performance incidents involving a wide variety of infrastructure in both customer and coalesce.io environments.
- Scaled development and production infrastructure sites to 12 production regions and Kubernetes clusters across AWS, Azure, and Google Cloud Platform, with 36 availability zones, 20 managed application deployments, and tens of thousands of application components.

F5 Networks **October 2020 – June 2021**

Product Marketing Lead, Aspen Mesh *Remote*

- Developed competitive analyses and product positioning for Aspen Mesh, a Kubernetes service mesh based on Istio.
- Migrated document collateral into Wordpress-based website and knowledge center for improved search engine performance and user experience.

Faction **June 2019 – October 2020**

Product Manager, Hosted Data Storage *Denver, CO*

- Launched Cloud Control Volumes multi-cloud attached data storage product lines.
- Led product development for a hosted data storage platform for unstructured data storage and analysis.

Automox **April 2018 – February 2019**

Product Manager, Service Providers *Boulder, CO*

- Provided technical onboarding for the first service provider customer, NTT Data, into our SaaS platform and API.
- Created integrations for service provider customers to add hosted automatic software patching to their own product portfolios.

NetApp SolidFire **June 2012 – January 2017**

SolidFire was acquired by NetApp in early 2016. *Boulder, CO*

Product Manager, Partner Integrations, SDKs, and APIs

May 2015 – January 2017

- Managed ecosystem products within the NetApp/SolidFire product portfolio, including onshoring of SolidFire VMware vCenter Plugin development.
- Introduced a Java SDK for the SolidFire JSON-RPC API, later expanding SDK coverage to include .NET and Python.
- Led development for a CLI toolkit for the SolidFire data storage system.

Technical Marketing Engineer

June 2012 – May 2015

- Produced technical marketing, internal hardware & software component prototyping, and proof-of-concept demos using the Linux-based SolidFire storage system appliance.

- Developed a reference architecture for high-density virtualization (500+ VMs/node) in OpenStack built using the Canonical/Ubuntu Linux OpenStack distribution, and the SolidFire storage system.
- Participated in prototyping and initial release development of block-to-object backup functions that supported iSCSI volume data backup to S3-compatible object storage.
- Developed assorted Python automation scripts, and a statsd/Grafana based storage performance metrics display.

VMware **May 2011 – May 2012**
Technical Support Engineer *Broomfield, CO*

- Provided technical support for VMware vSphere, ESXi, and vCenter products, as well as assorted modules and addons including CapacityIQ, Update Manager, Auto Deploy, and Web Client.
- Performed troubleshooting and root cause analysis for customer issues in a wide variety of Windows, Linux, and Unix environments.
- Achieved CCENT, VCP4, VCP5, and VCAP4-DCA (#668) certifications within a period of 10 months.

Certifications

CKS – Certified Kubernetes Security Specialist **October 2026**
The Linux Foundation, Certificate ID LF-zucc95awyp

- Verifiable at training.linuxfoundation.org/certification/verify.

CKAD – Certified Kubernetes Application Developer **September 2026**
The Linux Foundation, Certificate ID LF-d7oi0h6v8d

- Verifiable at training.linuxfoundation.org/certification/verify.

CKA – Certified Kubernetes Administrator **September 2026**
The Linux Foundation, Certificate ID LF-8p078hvnqq

- Verifiable at training.linuxfoundation.org/certification/verify.

KCSA – Kubernetes and Cloud Native Security Associate **September 2026**
The Linux Foundation, Certificate ID LF-e5hj0cswpl

- Verifiable at training.linuxfoundation.org/certification/verify.

KCNA – Kubernetes and Cloud Native Associate **November 2025**
The Linux Foundation, Certificate ID LF-7u2s7xxih8

- Verifiable at training.linuxfoundation.org/certification/verify.

Projects

Resume **June 2025 – Present**
Git, LaTeX, MacTeX/TeX Live, LaTeX Workshop

- Created this resume using a permissive-license (MIT) LaTeX template.
- LaTeX source available on GitHub at github.com/mattcheston/resume.

Postking (postking.com) **October 2024 – Present**
Rails, GCP, PostgreSQL, Kubernetes, Docker, Cloudflare, Anthropic

- Created a tool to create AI-powered link previews for any URL on the internet.

Technical Skills

Languages: Python, Ruby, JavaScript, Bash
Frameworks: FastAPI, Rails, Node.js
Tools: Git, Docker, Terraform, Kubernetes, Google Cloud Platform, AWS, Azure, GitHub, GitHub Actions, Jenkins, Prometheus, Datadog, VS Code, Cursor, Argo CD, Teleport, cert-manager, nginx, Traefik