Jason Schwerberg

Site Reliability Engineering Leader

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 JSchwerberg

Jason is a New York native, who has been working on and leading engineering teams for ten years. He is a hands-on manager who is directly involved with architecture and implementation decisions, and volunteers with organizations where he is able to explore and keep his skills sharp. He is passionate about his community, whether that be work or play, and aims to improve the lives of everyone he interacts with through technology.

SKILLS

Infrastructure-as-Code Development
Master

Terraform CloudFoundation

Pulumi Bash Python YAML

HCL

Cloud Architecture
Master

Kubernetes GCP AWS

Kafka

Team Management
Master

Team Building

Performance Evaluation

Coaching Talent Nurturing

Hiring

Cloud Media Services
Advanced

CloudFront MediaLive

CDN Administration

Organization Management
Advanced

Roadmapping Growth Planning

Organization-Level Agreements

Agile Management
Advanced

Scrum Kanban Retrospectives

Backend Development
Advanced

Golang Rust Python

Frontend Development
Intermediate

Javascript Typescript React

WORK EXPERIENCE (3)

Jan 2019 - Current

Sr. Engineering Manager, Reliability and Data at Merit International

📍 **Sunnyvale, CA** 🔗 https://www.merits.com

Organization Management Team Management Agile Management Terraform GCP Kubernetes Istio

Merit is a verified identity platform, powering credentialing and licensing for multiple governmental and civilian entities.

- Built and coached a global organization consisting of 10 production SREs, 3 release SREs, and 4 data engineers, supporting Merit's core verified identity platform as well as solutions built for customers through our Professional Services team, implementing processes and runbooks that improved operational reliability, and allowed us to meet service level agreements.

- Oversaw Merit Engineering's compliance efforts, working with Merit's Director of Compliance and other Engineering Managers to coordinate process rollouts, as well as remediation of vulnerabilities, allowing Merit to maintain SOC 2, FERPA, and HIPAA certifications, as well as meet customer requirements.

- Directed and participated in the rearchitecture of Merit's infrastructure for a platform overhaul, using a Infrastructure-as-Code philosophy to create a scalable, portable, reusable cloud infrastructure that enabled engineers to have quick access to the resources they needed, while keeping costs and lead time on infrastructure changes low.

May 2018 - Nov 2018
Director of Engineering at Hosho
 Las Vegas, NV

Organization Management   Team Management   Agile Management   AWS   Python   Javascript

Hosho was a startup that was one of the first companies to offer smart contract auditing to developers on the Ethereum blockchain. Unfortunately, advances in automated auditing tools, coupled with the company's desire to position themselves as a "human" auditing service, led them to be slow to adopt changes, and ultimately, to the company's shutdown.

- Managed a team of 12 smart contract auditors and 2 developers, responsible for auditing over 150 smart contracts varying from simple ERC20 tokens up to whole blockchains such as Vechain.
- Worked closely with the product and sales organizations to streamline the intake and cadence of work coming in to the auditing team, resulting in the reduction of our audit turnaround window from 14 days to 7.

Jul 2014 - Apr 2018
Manager, Networking at Scientific Games
 Las Vegas, NV   https://www.merits.com

Team Management   Python

Scientific Games is a multi-national corporation with 10,000 employees, that at the time was the manufacturer and operator for popular slot machine brands such as Bally and WMS, table games under the ShuffleMaster brand, and currently focuses on state lotteries through contracts with multiple state organizations.

- Managed a team of 6 network engineers as well as a 12 person network operations center, responsible for providing first- and second-line support for Scientific Games' Wide Area Progressive product, triaging and supporting issues across 750 casinos in six states as well as tribal lands.
- Directed and oversaw the consolidation of two wide-area progressive networks from acquired companies into a single, unified network, reducing our hardware footprint and number of provisioned telephony circuits by about 40%.
- Developed the architecture and rack-and-stacked one of the company's wide-area progressive data centers as part of the wide-area progressive consolidation.

VOLUNTEER

Aug 2018 - Current
Vice-Chair, Board of Directors at Hack Your Lives, Inc.

Organization Management   Team Management

501(c)3 focused on providing resources and content geared towards helping people to make improvements in their lives, whether that be professional, personal, or anything in between. They host an annual conference within the DEFCON cybersecurity conference yearly, which holds talks, workshops, socials, and parties.

- Acting as programming lead for the DEFCON Furs show since 2020, organizing and scheduling the CFP review team, scheduling speakers and workshops, and acting as Master of Ceremonies during the show.
- Participate in bi-weekly board meetings and activities, acting as a fiduciary for the organization and helping to ensure that we can continue to meet our mission.

Apr 2020 - Current
Infrastructure Lead at Furality, Inc.

Team Management   Agile Management   Kubernetes   AWS   Python   Terraform   CloudFoundation   Front-End Development

Furality is a 501(c)3 that runs the world's largest virtual reality and largest furry fandom convention, the Furality Online Xperience. They put on an annual show, as well as regular socials, and mini-conventions that happen over the course of fewer days. They have a robust engineering team, and develop many custom integrations with VRChat, Discord, and other platforms.

- Designed and implemented Furality's streaming cloud infrastructure stack using AWS MediaLive and Cloudfront, using Cloudformation to ensure that we could tear down, modify, and spin up the stack in a repeatable manner.
- Led a team of 5 volunteer infrastructure engineers, prioritizing and delegating work to the part-time, volunteer force, and leading the on-call and remediation efforts for issues encountered during the show.

LANGUAGES

English
Native speaker