CURRICULUM VITAE

Bryan Chain



Principal Site Reliability Engineer · Oracle

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Principal Site Reliability Engineer focused on enterprise storage and data protection at scale. Twenty years from low-level hardware and data-center infrastructure to petabyte cloud migrations and the automation that makes them survivable. CISSP, MBA, and a firm believer in resilient systems, boring technology, and documentation that respects the reader. What a long, strange trip it's been.

Experience

Principal Site Reliability Engineer

2016 — Present

Oracle (formerly Cerner) · Malvern, PA

- Set the go-forward data-protection strategy for workloads migrating into Oracle Cloud Infrastructure (OCI), both cloud-native and lift-and-shift.
- Led a petabyte-scale migration from Veritas NetBackup to Cohesity DataProtect, from initial concept through completion.
- Built automation across Ansible, PowerShell, Terraform and SCCM to move systems between backup methodologies on schedule.
- Drove the storage strategy and a large-scale migration from HPE 3PAR to Dell EMC PowerMax.
- Act as both Lead Storage Architect and Lead Data Protection Architect across a fleet spanning Cohesity, NetBackup, NetWorker, Avamar, Data Domain, Isilon and NetApp.

Manager, IT Services — Storage & Backup

TierPoint · Valley Forge, PA

2014 — 2016

- Set direction for the managed storage and data-protection teams and their service offerings.
- Architected SAN/storage solutions for customer builds across Brocade FC, Dell Compellent, NetApp FAS, HPE 3PAR, GlusterFS, Asigra, Veeam and Commvault.

Skills

STORAGE

Dell EMC PowerMax · HPE 3PAR · NetApp · Isilon · FC SAN

DATA PROTECTION

Cohesity · NetBackup · NetWorker · Avamar · Data Domain

CLOUD & INFRA

Oracle Cloud (OCI) · VMware · Linux · Windows

AUTOMATION

Ansible · Terraform · PowerShell · SCCM

Senior Storage Engineer
2006 — 2014

PJM Interconnection · Valley Forge, PA

- Grew from AIX recovery analyst (IBM TSM, BCP/DR) to senior engineer over the entire storage environment.
- Owned SAS 70 / SSAE 16 and NERC-CIP audit, security and compliance: documentation, change management, and rigorous testing.

Education

MBA, Business Administration — 2012
Penn State University

BS, Computer Engineering — 2005
Drexel University

Certifications

CISSP — 2024
ISC²

CCSP — Pending
ISC²

Interests

Homelab & self-hosting
Reef aquariums
Sim racing
Woodworking
Eagle Scout
USA Swimming