

John Anthony, Engineer / Designer / Architect

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EMPLOYMENT HISTORY

Sep 2018 — Dec 2023

Senior Site Reliability Engineer, LinkedIn

Data Storage *Ambry (2020-2023)*

- Facilitated rapid platform growth from 414 million to 930 million users by orchestrating strategic storage cluster expansions from ~100TB to over 14PB while ensuring: GDPR compliance, 5x9 service reliability, zero data loss incidents
- Unlocked diverse business use cases across user content, video, and internal AI/ML initiatives through architectural changes enabling multiple storage use classes
- Accelerated global cluster capacity expansion times from days to under 1 hour through progressive process improvements, migrating the storage cluster state management system to Apache Helix, and tooling optimizations (Python)
- Implemented seamless no-touch OS upgrade/migration automation, minimizing downtime and

Media Infrastructure *Vector (2018-2020)*

- Scaled the UGC image/document processing, video transcoding pipeline, and data fetching micro-service environment (Java) from 150k QPS to over 1M QPS.
- Migrated web asset fetching proxy (Squid -> KrakenD), optimizing: performance, security, and auditing

Handled 24/7 on-call rotations in support of the storage and media platforms; led incident postmortem meetings to define service improvement needs

Defined SLO's, created metric tracking dashboards, and created on-call logging templates

Aug 2016 — Sep 2018

Dev-Ops Consultant (Google), Taos, an IBM Company

Apigee (2018)

- Directed a cross-functional team of 6 consultants, ensuring successful attainment of Apigee's technical and business objectives.
- Provided expert architectural guidance on Google Cloud Platform for the Apigee support team; leveraging BigQuery, AppEngine, Cloud Storage, Compute Engine, and Stackdriver.
- Developed appliance in Python to migrate AWS Elastic Load Balancing (ELB) metadata across cloud platforms into GCP BigQuery tables, enhancing cross-cloud data visibility.

Google Cloud Platform (2016-2018)

- Excelled as a Cloud Support Specialist for the Google Cloud Platform, delivering exceptional enterprise customer support for : BigQuery, AppEngine (Standard, Flex), CloudSQL, Dataflow, Datastore, Compute Engine, CloudVPN
- Achieved GCP Architect Certificate (2017-2019)

Apr 2014 — Aug 2016

Linux System Engineer (NAVOCEANO), Radiance Technology

- Designed and implemented a cutting-edge client PKI authentication proxy per CIO directive; ensuring secure communication and user non-repudiation
- Built and administered high-performance Postgres systems on the RHEL platform, enabling replication for internal HA and warm site storage using PGPool.
- Led the migration of an existing customer platform (Windows Server 2008, Apache Tomcat 7+, Apache) to (RHEL 6.3, JBoss EAP 6.4), enhancing scalability and performance.

EDUCATION

Jan 2007 — Jan 2013

Bachelor of Science, Mississippi State University

SKILLS

Linux

Github

Python

Docker

Kubernetes

Google Cloud

Microservice Architecture

FastAPI

Performance Monitoring

Redis