

Jacob Ming Xing Runyan

Software Engineer

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Experience

- 2018–Present **Software Engineer**, Egnyte, Mountain View, CA, *Full-time*
- Deployed and maintained an Nginx instance as a proof of concept for an edge API Caching solution.
 - Designed a storage for Windows alternate data streams leveraging Firestore & GCS for a coauthoring collaboration with Microsoft. Project sees continued usage as part of the modern coauthoring solution.
 - Contributed to CMMC compliance efforts via refactoring of BigTable clients across the monolith.
 - 1 of 2 engineers on a backend unification effort to combine multiple user management systems across Egnyte Connect & Egnyte Protect.
 - Collaboration within a small team supporting infrastructure in the US time zone.
 - Triage of incidents and support requests for monitored services. Experience using logging (Kibana) and monitoring (OpenTSDB/Prometheus & Grafana) to debug issues with services and distributed systems.

Education

- 2015–2018 **Bachelor of Science in Computer Science**, University of California, Santa Cruz
- Completed a 4 year engineering degree ahead of schedule in 3 years at Baskin School of Engineering. Relevant coursework: Algorithms, Data Structures, Databases, Operating Systems, AI.

Skills

- Languages Java, Python, C/C++, Web
- Technologies Spring, Spring Boot, Docusaurus, Flask, ComfyUI
- Tools Git, Unix tooling,
- Databases MySQL, PostgreSQL
- Cloud Google Cloud, some AWS

Projects

- Web Development **Multi-Framework:** Personal website and recipe site using Meta's Docusaurus web framework, project homepages using pure HTML/CSS, and Flask projects, all self hosted. Experience with DNS and Traefik load balancer/proxy.
- Systems & Hardware **Homelabbing:** Multiple iterations of a personal homelab, serving utilities, monitoring, my dev environment, webpages, and home automation software.
- Supplemental Projects **IOS App Development:** Creating small utilities including a journaling app to track and improve one's productive spend of time.

Certifications

- 2023 AWS Certified Solutions Architect
- 2022 Certified Kubernetes Administrator (CKA)

Languages

English Fluent

Native proficiency