

Jordan Garrison

Cloud Platform Engineer

Engineer | Lifelong learner. Relentlessly curious.

I build the platforms that turn infrastructure from a bottleneck into a superpower.

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SKILLS

Specialized Skills

Developer Platforms | GitOps | Immutable Systems | SLOs
Load Testing | Distributed Systems | Incident Response

Languages

Go | TypeScript | NodeJS | Python | Bash

Platforms

Kubernetes | Istio | Argo | SST | Fastly | Spark | Kafka
Hadoop

Infrastructure as Code

Terraform | CDK | Helm | Kustomize | Ansible | Chef | Puppet

Observability

Prometheus | Grafana | Kibana | Datadog | APM

Linux

NixOS | Ubuntu | Oracle Enterprise Linux | Amazon Linux | Fedora
CentOS | Debian

Yes please! Especially love NixOS

CI/CD

GitHub Actions | Jenkins | Google CloudBuild

EDUCATION

Texas A&M University

Bachelor of Science, Physics | Minor:

Mathematics

2012 - 2017

EXPERIENCE

Tech Lead Manager, SRE | FloSports

Nov 2019 - Present

From Infrastructure Engineer to Tech Lead Manager. Building developer platforms, driving cloud migrations, and establishing SRE practices for a live sports streaming platform.

Promotions: *Infrastructure Engineer (2019), Senior Infrastructure Engineer (2021), Tech Lead Manager, SRE (2023)*

- **GCP to AWS Cloud Migration:** Architected and executed full cloud consolidation from GCP to AWS. Migrated 20+ services including databases, caches, and CI/CD pipelines to EKS with zero downtime. Created self-service migration templates for teams.
- **Load Testing Platform:** Built distributed K6 load testing platform from scratch across 4+ phases. Built traffic replay system using GoReplay, Istio, PubSub, and BigQuery for production traffic capture and replay. Evolved to Kubernetes-native with K6 Operator, dedicated UI, CI/CD integration, and browser-level tests. Validates readiness for major live sporting events.
- **Developer Experience Platform:** Built flo-deploy, opinionated Helm charts, and infrastructure-manifests to give developers a paved road to production. Authored RFC for Crossplane-based self-service platform.
- **Observability & SRE Transformation:** Migrated to Datadog unified observability from fragmented stack (NewRelic, SignalFX, ELK) and restructured team from DevOps/Infra to SRE to align outcomes with business goals. Established SLO-based culture with per-service reliability reporting, scorecards, and incident response frameworks.

Big Data Platform Engineer | General Motors

May 2017 - Nov 2019

Big Data Platform Engineer managing Hadoop clusters with thousands of users. Built monitoring systems, security frameworks, and automation tools.

Promotions: *L5 Big Data Platform Engineer (2017), L6 Big Data Platform Engineer (2019)*

- **Data Governance & Security:** Implemented full data governance and lineage toolchain with Apache Ranger and Atlas across Hadoop clusters. Established RBAC framework with self-service user management used org-wide.
- **Yarn Queue Manager:** Built Go-based utility for automated Yarn queue scheduling. Optimized cluster resource allocation between data science workloads during business hours and batch reporting off-hours.
- **Hadoop Monitoring Stack:** Built comprehensive monitoring ecosystem with PHP/JavaScript frontend, Oracle backend, and Python metrics collection system using Prometheus and Grafana for previously invisible cluster metrics. Became the standard platform for cluster observability and performance analysis.

SKILLS

Databases

MySQL Postgres DynamoDB BigQuery HBase Hive
InfluxDB

Caches

Redis Memcached Varnish (Fastly)

Indexes

Elasticsearch Solr Manticore OpenSearch

Management

Hiring Contracting Roadmapping 1:1s Performance Reviews
OKRs

Project Management

Agile Scrum Kanban Jira Confluence PI Planning
Standups Retrospectives Scrum Master

EXPERIENCE

Research Technician | Lynntech

Apr 2016 – May 2017

Research Technician building IoT prototypes with Python, Arduino, and Raspberry Pi. Hardware meets software.

- **Iodine Detection Kit:** Developed NIH-funded prototype for affordable water iodine detection in regions with high hypothyroidism rates. Built IoT solution using Raspberry Pi, Arduino, and colorimeter with Python-based Qt interface.
- **Desalination Monitor:** Created Arduino-based monitoring system for seawater desalination validation. Implemented pH and salinity sensors with visual feedback interface for rapid water quality assessment.
- **Muscle-Powered Pacemaker:** Prototyped circuit designs for a muscle-powered pacemaker concept, combining hardware prototyping with Python programming for data collection and analysis.

Data Analyst | Texas A&M Department of Physics &

Jan 2014 – Dec 2014

Astronomy

Introduction to distributed computing. Simulated Higgs Boson particle collisions using C++ and Bash.

AWARDS & RECOGNITION

Promotion to Tech Lead – FloSports, 2023

Top Performer - Own It – FloSports, 2021

Promotion to Senior Infrastructure Engineer – FloSports, 2021

CEO Life Saving Award – General Motors, 2019

CIO Safety Award – General Motors, 2019

Early Promotion out of New College Hire Program – General Motors, 2019

CIO Distinguished New College Hire – General Motors, 2018, 2019

CERTIFICATIONS

Advanced GitOps Certification

Apr 2024