

RÉSUMÉ

ALEX PEÑA

Software Engineer

LANGUAGES AND FRAMEWORKS

JavaScript, TypeScript,
Node.js, React, NextJS
Python, Flask
Swift, Vapor
Jest, Mocha, Chai
WebSockets
SQL, noSQL
Terraform
Kubernetes
Docker
Java, C++, Go

SOFTWARE

Git, GitHub
CircleCI
GCP, AWS, Azure
Asana, Jira, Linear
Sentry
Pager Duty

CONTACT

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EXPERIENCE

SJULTRA, Inc. / Cloud Engineer, Full Stack

San Jose, CA (Dec 2022 - Current) | 2 yr, 2 mos

- Architected and built a security focused, edge based, managed k3s solution composed of internal/customer dashboards, supporting micro services, and static/dynamic code, dependency, and model scanning, enabling vulnerability mitigation from development to production for applications running on single and multi node clusters at scale.
- Migrated customers from GitHub managed to self hosted runners, reducing compute costs by a factor of 4x by building and maintaining self hosted runners alongside a self hosted orchestration layer.
- Improved open source applications that collate telemetry data by integrating support for container environments such as k3s, expanding portability and contributing these enhancements upstream.
- Built a customer facing policy alerting and management system POC adhering to the latest CIS Controls standard.
- Built and managed a lab to demonstrate and promote production ready infrastructure solutions internally and to existing and potential customers with varying requirements.

Omada Health / Software Engineer II, DevSecOps

San Francisco, CA (January 2021 - January 2022) | 1 yr

- Orchestrated an integration of VPC infrastructure, live services and associated CI/CD pipelines with less than 2 minutes of down time.
- Built and maintained a Range of Motion augmented reality experience for musculoskeletal health patients enabling providers to measure ROM remotely.
- Led and built a patient workout UX refresh end to end to alleviate common user frustrations.

EDUCATION

Make School: Product College

San Francisco, CA
2016 - 2017

An accelerated college, designed for Software Developers and Technical Founders.

Perfect Venue, Inc. / Software Engineer, Full Stack

San Francisco, CA (May 2022 - August 2022) | 3 mos

- Migrated react apps from server to dedicated client apps, enabling rapid deployment of services.
- Built, consolidated, and integrated a common component library to improve developer productivity.
- Built a customer facing embeddable JS library to increase sales and plan upgrades by a factor of 5x.

Notable Health / Software Engineer, Full Stack

San Mateo, CA (May 2018 - Oct 2020) | 2 yrs 6 mos

- Managed, codified Kubernetes based infrastructure using Terraform to efficiently standup new staging environments for CI/CD or penetration testing.
- Built and maintained patient facing functionalities end to end to satisfy customer requirements such as deploying COVID screeners for large healthcare organizations (Intermountain, Dignity Health) that integrate screener responses directly into the EHR.
- Built and maintained internal facing functionalities end to end improving weekly onboarding efficiency of providers from new customers such as Houston Methodist by a factor of 5x to 10x. and reducing configuration error rates by defining user interfaces to configure screeners.
- Built and maintained a staff/customer facing web hooks API to integrate with 3rd party systems already used by the customer.
- Built and maintained provider facing functionalities end to end, including enabling previewing the room a patient is in once checked in and related data from their apple watch, demoed in a recent Apple keynote.
- Performed incident response as part of the greater engineering team and as a first responder to core services such our Postgres databases, adapting learnings from investigations to monitoring and alerting capabilities.

Aux Music, Inc. / Software Engineer, Backend

San Francisco, CA (April 2017 - March 2018) | 1 yr

- Created, deployed, and maintained a real-time REST API, primarily powered by WebSocket technologies.
- Added complete test coverage.
- Implemented an algorithm to match songs from various sources.