

# DAVID PRASSE II

david@davidprasse.com | Sunnyvale, CA 95054

## Summary

---

Senior Software Engineer with 6+ years of experience designing and delivering high-performance, distributed systems and developer productivity tools. Proven record in scaling microservices, optimizing developer workflows, and leading cross-functional projects from concept to deployment in AR/VR and cloud environments. Adept at translating complex technical requirements into scalable, secure, and maintainable solutions.

## TECHNICAL SKILLS

---

**Languages:** Experienced: Rust, Go; Familiar: TypeScript, Python, Swift

**Frameworks:** Kubernetes, Docker, Git, Redis, Kafka, GraphQL, gRPC, Swagger/OpenAPI, Sentry, NodeJS, AWS, GCP, Bedrock

**Databases:** PostgreSQL, Qdrant, Snowflake, CouchDB

## EXPERIENCE

---

**Apple, Inc.** – Senior Software Engineer, Vision Products Group; Sunnyvale, CA Sep 2023 – Present

- Lead architect, technical owner for **SuperGraph**, a Federated **GraphQL** API providing high availability and dimensions of data.
- Led a cross-functional data initiative, unifying data that teams were first-party for; reducing terabytes of duplicated data daily.
- Designed and deployed a disclosure + authorization proxy with **sidecar architecture**, cutting API latency by ~70%.
- Mentored junior engineers, established coding standards enforced via **CI/CD**, and coordinated cross-team initiatives.
- Tech Stack: Rust, GraphQL, Docker, Kubernetes, PostgreSQL, Splunk, gRPC, Kafka, Qdrant

**Apple, Inc.** – Software Engineer, TDG Productivity Tools; Sunnyvale, CA April 2020 – Sep 2023

- Managed **Kubernetes** deployments across multiple regions, optimizing for reliability and achieving critical uptime targets.
- Integrated **Sentry** across stack for real-time alerting and bug tracking, reducing mean time to resolution for production issues.
- Enhanced core authentication and security models, improving system resilience and compliance.
- Tech Stack: Go, Rust, TypeScript, React, PostgreSQL, Docker, Kubernetes, REST Api, Microservices, Sentry, Redis, Kafka

**Apple, Inc.** – Software Engineering Intern, Software Delivery; Cupertino, CA June 2019 – Aug 2019

- Enhanced security for Apple's signing process by implementing alternative encryption and decryption support.
- Built a full-stack application reducing onboarding time from 2–3 business days to under 5 minutes.
- Tech Stack: VueJS, Yarn, Ruby, Grape, RSpec, Swagger/OpenAPI, PostgreSQL, REST Api

**JuvodHR** – Full-Stack Dev Intern; Austin, TX Jan 2019 – May 2019

- Helped streamline sales and increase customer retention by renovating the user interface with modern frameworks
- Migrated legacy codebase from static HTML into a responsive and mobile-friendly version with Vue
- Tech Stack: Docker, Kubernetes, Django, PostgreSQL, Vue, npm

**Hewlett Packard Enterprise** – DevTools Software Intern; Fort Collins, CO May 2018 – Aug 2018

- Automated provisioning of pre-configured VMs for large-scale testing, reducing workflow time by 90% for HPE OneView (~800 devs)
- Tech Stack: Django, Python, JavaScript, Jenkins, Docker, PostgreSQL

**Hewlett Packard Enterprise** – Software Defined Cloud Intern; Houston, TX May 2017 – Aug 2017

- Built responsive front-end and visualization tool (IRIS) with real-time firmware and health indicators.
- Awarded 2<sup>nd</sup> place for best technical project and presentation in the best-in-class intern competition (50+ competing interns)
- Tech Stack: HTML5, CSS, JavaScript + jQuery, D3, Highcharts, CouchDB

**Prasse Media** – Founder, Self-Employed; CPA Marketing; Cypress, TX Feb 2013 – Feb 2017

- Consulted with publishing agencies on promoting new offers and targeted different geolocations based on offer availability
- Developed niche-related websites for a given campaign; optimized websites with on-page search engine optimization (SEO)
- Generated \$105,000+ in gross revenue from FY 2013-2017

## EDUCATION

---

The University of Texas at Austin

Bachelor of Computer Science, Major

May 2020