Aaron Harris • Technical Leadership

email   alphaharris@outlook.com   phone   (512) 387-5241   github   https://github.com/aaharr   linkedin   https://www.linkedin.com/in/alphaharris/

People-oriented, hands-on Senior Software Engineer with a passion for building high-performing teams and creating impactful products. Seeking a principal role that combines technical leadership, mentorship, and strategic product development. Committed to fostering people and product excellence at scale.

Languages	Backend	Devops	Supported	Frameworks	Linux	Agile
Python	Postgres	Kubernetes	Microservices	Flask	WSL	Jira
C	Django-ORM	GCP	Monoliths	Django	BSD	Notion
JS/TS	SQLAlchemy	AWS	Legacy	Angular	Ubuntu	Scrum
Lua	Redis	Docker	Ball of Mud	React	RHEL	Kanban
Bash	Celery	Git	Scale-Up	Electron	Arch	XP
	Prefect	Jenkins			NixOS	PSM1

Recent Experience

Founder, Team Leader, Motet   12/2023 - 11/2024

Launched a remote-first integration startup for experimenting with XP. Interviewed engineering candidates, while learning the ropes of fractional CFO and CTO, and running an experiment-driven marketing campaign. Gained unforgettable experience of marketing in an adverse AI-focused market.

- Invaluable business experience under the highest time and budget pressure
- Designed a cloud-based pair programming environment

Senior Software Engineer, Shopventory   04/2022 - 11/2023

Supported multiple integrations for a fully featured inventory tracking and accounting platform Decreased churn within large (100K) B2B2C user base by improving latency in background inventory tasks by 30% Directly supported customers by translating their needs into integration features, while improving test coverage and solving mission-critical bugs in production. Served as QBO Domain Expert.

- Started and led the *Developer Happiness Guild*
- Mentored Junior and T2 Engineers
- Directly translated customer needs into a new accounting integration with Quickbooks

Software Engineer, Network Developer II, Charter Communications   02/2020 - 02/2022

Created Python 3 Flask APIs to scale with Enterprise B2B demands, both for a high volume customer-facing data portal and a Layer 2, Layer 3 device automation platform. Revised, refactored, and documented legacy code bases to modern development standards, reducing latency by orders of magnitude to allow growth at scale.

- Improved metrics request latency x 10 on ISP Platform Orchestration Microservices
- Improved and documented team procedures and automated code review CI/CD with Jenkins
- Promoted from Software Developer to Network Developer II for fast, consistent delivery
- Lead and mentored remote contractors after promotion

Developer Advocate, Kite   11/2018 - 01/2020

Developed internal tooling for a B2C ML Copilot ahead of its time. Designed and built a scalable Github CI/CD integration with Python 3, Flask, and Node/Electron front-end. Served as a Python Domain Expert (completion target).

- Attended conferences including PyCon 2019 representing our brand to VIP contributors.

Python Software Engineer, Engineering Consulting   01/2016 - 12/2018

Created and documented a geolocation app using Flask, Python 3, and SQLAlchemy. Built and optimized RESTful web integrations for CRM platforms transforming data between web services.

- Automated trading algorithms (conventional and crypto).
- Developed data APIs with cloud platform integrations.

Sales/Service, Real Estate and Small Business   05/2007 - 01/2015

Coordinated events with small businesses, investors, and celebrities. Managed complex inventory systems and optimized physical processes. Built trusted relationships with business partners in a disrupted industry and changing market. Moved to web development after creating a referral site (AustinAgentFinder.com).

- Earned and Maintained Real Estate Salesperson License
- Installed and maintained retail and restaurant POS systems

Project Outcomes

- *Developer Happiness Guild (Shopventory)*: Started a high-participation developer enablement group
- *Quickbooks Invoice and Purchase Order Integration (Shopventory)*: Took integration from Concept to Launch, working directly with stakeholders
- *Enterprise Onboarding Microservice (Charter)*: Increased onboarding automation success rate by 30% significantly reducing labor cost
- *TDD Adoption (Charter)*: Increased microservice test coverage from 20% to 80% over one year
- *GEO-caching Sales Service (Grande)*: Created a data-driven sales analytics application increasing ISP sales ROI
- *Company-wide contractor time tracking system (Kite)*: Developed a scalable time-entry platform for independent contractors

Education

- Bachelor of Arts, Classics (Latin, Greek), Austin College