Jason Hall
Software Developer

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📞 623-206-2944

📍 Phoenix, AZ

🔗 Portfolio Site

in LinkedIn

○ Github

Languages

Mandarin
Spanish

Skills

Perl

PHP

JavaScript / TypeScript

Python

Go

SQL

Next js

Django

AWS

Jest

Docker

Ansible

CI/CD (Github Actions)

Git

RESTful API

API Testing (Postman)

Open Source Contribution

Personal Statement

Full-stack developer and systems engineer specializing in automation, internal tooling, and modernization of legacy systems. Experienced across PHP, Perl, Python, Go, JavaScript/React, MySQL, and Linux, with deep expertise in Vicidial/Asterisk infrastructure and enterprise integrations (Salesforce, Quickbase, Boberdoo, Ytel, TrustedForm, Jornaya). I design and deploy scalable automation, ETL pipelines, web applications, and backend services that eliminate manual work, strengthen system reliability, and improve operational visibility. Passionate about end-to-end ownership: architecture, implementation, deployment, monitoring, and debugging across servers, logs, and APIs.

Work Experience

Software Developer
Iconic Results
Sep 2024 – present | Phoenix

- **Built large-scale ETL pipelines** in Go and Perl to normalize millions of customer leads per year for Vicidial and internal systems.
- **Designed and deployed a fully automated Call QA platform** using Python, Faster-Whisper, LangChain, and the ChatGPT API—reducing manual QA workload by **80%**.
- **Developed and maintained internal web applications** using PHP, Perl, JavaScript/jQuery, React, and REST APIs; integrated Salesforce, Quickbase, Boberdoo, Ytel, TrustedForm, and Jornaya via REST/XML webhooks.
- **Created custom MySQL reporting and auditing tools** for compliance, performance tracking, and operational analytics; supported 20+ Linux servers and **200–300 concurrent Vicidial agents** with SIP/Asterisk debugging and database tuning.
- **Automated infrastructure and provisioning** using PXE-boot Linux images, FOG server deployment, Samba administration, Cron workflows, and vulnerability scanning via Vuls.
- **Investigated and resolved a security incident** by identifying a SQL injection attack through Apache logs, implementing prepared statements, and hardening privileged authentication; **trained and mentored new SysAdmin and Developer hires** in RBAC, automation, debugging, and internal tooling.

Logistics Technician II (Contractor)
Apple
Apr 2024 – Sep 2024 | Mesa

- Decommisioning server assets in compliance with environmental regulations.
- Utilizing Linux servers to securely wipe hard drives and verify successful data erasure.

Education

Software Engineering (Bootcamp)
Masterschool

BA Anthropology/Minor Mandarin
Iowa State University