MARK ARNEMAN

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TECHNICAL SKILLS

Languages: JavaScript/TypeScript, PHP, Python, C#, GDScript, C++, SQL, PostgresDB, MariaDB/MySQL
Frameworks & Tools: Laravel, Vue.js, React, Godot Engine, Unity Engine, Supabase, Prometheus, Grafana, Websockets
Infrastructure: Docker, Linux, Windows, REST APIs, Microservices, AWS, GCP, Azure, Hyper-V, OpenStack, ESXi

EXPERIENCE

Independent Game Developer
BearlikeLion | February 2024 – Present

- Published 2 commercial games on Steam reaching 100K+ players with 1,600+ sales, leading full product lifecycle from design to live operations
- Modified Godot C++ engine for enhanced security and built custom Laravel web application with real-time in-game integration
- Developed proprietary anti-cheat system in GDScript and designed custom analytics pipeline leveraging Supabase tracking 5,000+ player runs to help balance difficulty and gameplay

Full Stack Developer
xo, Fetti | August 2024 – January 2025

- Architected and deployed Story, an internal inventory and warehouse management platform aggregating real-time sales data and inventory across multiple e-commerce platforms such as Amazon, Etsy, and Shopify
- Built Laravel/MySQL backend with Vue.js frontend and managed deployment via Laravel Forge

Automation Engineer
Walmart Global Tech (Contracted) | August 2023 – June 2024

- Implemented automation and monitoring solutions for Walmart's enterprise-scale backup infrastructure. Created a "backup window picker" to show available timeslots for teams to schedule backup operations during available times to alleviate performance overhead and reduce overall time
- Extended Commvault REST API with custom Prometheus exporter and built comprehensive Grafana dashboards for systems and backup visibility

Personalization Engineer
Commvault | December 2022 – June 2024

- Developed automated workflows and custom reports for backup, restore, and storage management operations defined by client and customer expectations and requirements
- Created automated virus scanning system for backed-up data and extended automation support for newer data agents like Azure KeyVault and Exchange Online

Senior Support Engineer
Truepill | December 2021 – October 2022

- Bridged customer support and engineering teams by analyzing and debugging production issues with written reproduction reports, developed custom Postgres functions to easily fix common issues and created custom web based interfaces for common issues using retool
- Critical situations engineer working all hours to identify, fix, and resolve critical production issues, followed up by writing detailed incident reports

EARLIER EXPERIENCE

Tier-4 Support Engineer, OwnBackup | April 2021 – November 2021

- Performed root cause analysis of complex and custom Salesforce backup issues and built Python-based internal tools to automate issue resolution

Automation Engineer, Commvault | December 2019 – November 2020

- Developed and maintained automated test suites using for unit testing service pack releases using Python and Commvault's API, extending automation framework and Python SDK tooling
- Refactored the primary "smoke test" to run parrallel with multi-threading bringing the main running test case from taking 45 minutes down to 15 minutes.

Chief Technical Officer (CTO), Style Asia Inc. | August 2015 – June 2016

- Led technology modernization by integrating e-commerce marketplaces with internal custom inventory systems automating online sales by posting our inventory to eBay and Amazon
- Created and scaled external India office to allow direct secure access to internal tooling over a private VPN