

# MARK ARNEMAN

Marlton, NJ | [markarneman@gmail.com](mailto:markarneman@gmail.com) | [linkedin.com/in/markarneman](https://linkedin.com/in/markarneman) | [github.com/bearlikelion](https://github.com/bearlikelion) | [arneman.me](http://arneman.me) | [bearlikelion.com](http://bearlikelion.com)

## TECHNICAL SKILLS

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**Languages:** PHP, Python, JavaScript/TypeScript, C#, GDScript, C++, SQL **Frameworks:** Laravel, Vue.js, React, Godot Engine, Unity Engine **Databases:** PostgreSQL, MySQL, MariaDB **Tools:** Docker, Git, Linux, Supabase, Prometheus, Grafana, WebSockets, Laravel Forge, Retool **Cloud:** AWS, GCP, Azure, REST APIs, Microservices | **Virtualization:** Hyper-V, OpenStack, ESXi

## EXPERIENCE

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### Independent Game Developer

*BearlikeLion* | January 2024 – Present

- Led full product lifecycle for 2 commercial Steam games, achieving 100K+ players and generating 2,000+ sales
- Extended Godot C++ engine with custom security features and built Laravel web application for real-time in-game integration
- Engineered proprietary anti-cheat system in GDScript and Supabase analytics pipeline tracking 50,000+ player runs for gameplay balancing

### Senior Software Engineer

*Lumion (formerly Mia Share)* | April 2025 – August 2025

- Architected and implemented Laravel models, factories, and seeders to extend platform team's data layer capabilities
- Integrated OpenAI API to power intelligent chatbot with context-aware responses and dynamic PDF attachments based on query classification
- Built real-time Laravel backend architecture supporting AI-powered customer support automation

### Full Stack Developer

*xo, Fetti* | August 2024 – January 2025

- Architected and deployed Story platform with Laravel/MySQL backend and Vue.js frontend, aggregating real-time sales and inventory data across Amazon, Etsy, and Shopify

### Automation Engineer

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

- Developed automated monitoring solutions for enterprise-scale backup infrastructure, extended Commvault REST API with custom Prometheus exporter, and built Grafana dashboards for comprehensive system visibility

### Personalization Engineer

*Commvault (Contracted)* | December 2022 – June 2024

- Developed custom workflows and automated solutions tailored to specific customer requirements as contract specialist
- Engineered automated virus scanning system for backed-up data and extended automation support to Azure KeyVault and Exchange Online

### Senior Support Engineer

*Truepill* | December 2021 – October 2022

- Bridged customer support and engineering teams by analyzing production issues, developing custom PostgreSQL functions, building Retool interfaces, and serving as 24/7 critical situations engineer for production incidents

## EARLIER EXPERIENCE

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### Tier-4 Support Engineer

*OwnBackup* | April 2021 – November 2021

- Conducted root cause analysis on Salesforce backup software and developed Python automation tools to resolve recurring issues

### Support Engineer to Automation Engineer

*Commvault* | June 2016 – November 2020

- Advanced from frontline support to Tier-2 engineer in record time, becoming fastest promoted engineer in company history
- Won Support Innovator's Award for developing CVGL (Commvault Get Logs), streamlining log collection and database staging across support organization
- Optimized primary test suite with parallel execution and multi-threading, reducing runtime from 45 minutes to 15 minutes (67% improvement)