Jake Colburn

in /jake-colburn
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○ https://github.com/sythe7448
☎ 512-621-6131

⚙ Skills

Languages & Platforms   PHP, Python, JavaScript, HTML/CSS, SQL, Bash, GoLang, TypeScript, React, AWS, WordPress, Laravel
Tools   JetBrains IDEs, Jira, Git/GitHub/BitBucket, Postman/Curl, Linux, MySQL, Trello, Adobe Creative Suite

◔ Experience

SalesTaxSolutions.us
Software Engineer

Feb. 2024 – Current
Remote

> Redesigned and optimized backend database structures for customer and client data in MySQL to enhance performance and scalability.
> Developed a secure client intake form using Laravel with advanced encryption techniques to safeguard sensitive information.
> Implemented a system for generating, storing, and managing various tax reports, ensuring compliance and accuracy.
> Revamped and enhanced the user interface to provide a more intuitive and efficient data display experience.
> Integrated queue processes to efficiently generate, parse, and manage large datasets, improving overall system performance.
> Technologies used: PHP, Laravel, Node.js, NPM, Docker, MySQL, Linux, Bash, Livewire, Tailwind CSS, Alpine.js

Olympusat
Software Engineer

Nov. 2019 – June 2023
West Palm Beach, FL

> Refactored CRUD Content Ingestion System by adding queue system supporting multiple languages, improving the performance of FreeTV, Olympusat's flagship streaming platform.
> Designed Elementor widgets to enable non-technical staff to create front-end features.
> Maintained Oly RESTful API (LAMP) that delivers 40,000+ hours of Spanish/English content to 1 million viewers on Samsung, Roku, iOS, Android, and Vizio devices.
> Created a microservice for exporting FreeTV data to S3 buckets for ingestion by Domo.
> Developed querying interface for non-technical staff to securely pull data from production RDS DBs.
> Rebuilt Olympusat.com to utilize WordPress best practices and integrate with Elementor.
> Contributed to team documentation goals by standing up internal team wiki.
> Strong development experience with REST API based microservices development.
> Managed the security access for employees using AWS.
> Writing python scripts to perform data processing.
> Working Knowledge in DB/SQL, Wrote and maintained databases for multiple websites.
> Working knowledge in Container technologies Docker.
> Development experience in PHP, Python, JavaScript, TypeScript, React, AWS and UNIX shell scripting.

STUDIOTWENTYSEVEN
Web Content Manager

Mar. 2019 - Feb. 2021
Miami, FL

> Designed WordPress theme and managed webpage SEO for higher visibility in search indexing.
> Compressed all site images with minimal quality loss, decreasing webpage load time by 45%.

⚗ Side Projects

Intelligence Coordinator
GoonSwarm Federation

2016 - 2021
Eve Online/Multi-Platform

> Wrote and maintained InfoSec best practices to protect a 35,000+ player organization.
> Managed, trained, and assessed 10-15 volunteers on penetration testing practices and tools. Advised on the targeted, individual, and creative penetration of our competitor's systems.
> Documented and presented results of external investigations. Led internal investigations on risks and liabilities.

🎓 Education

Ex'pression College of Digital Arts
BaSc in Game Art and Design

Jan. 2009 - Sep. 2011
Emeryville, CA

Austin Community College
Associates in Computer Science

Jan. 2024 - Degree expected 2026
Austin, TX