Tyler Day

Full Stack Web Developer | Software Developer

Contact Information

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- GitHub: https://github.com/X64Code-Github
- Website: https://x64code.com

Summary

Adept web/software developer with 6+ years of experience developing in several different industries including Healthcare, ISP, QA Labs. Proficient in both team based and solo developer environments, with a strong ability to adapt and learn to complete goals. Accomplished in database design/administration, process digitization & automation, and developing applications for internal use, business-to-business solutions, and public-facing platforms.

Work Experience

PHP Developer | Roswell Park Comprehensive Cancer Center | Buffalo, NY | Oct 2023 - Current

- Built data translation trait and functions using PHP to sanitize and standardize both legacy and new data being imported into the data warehouse.
- Created the structure and configuration layout for an automated file transfer tool. Uses easy to read/construct YAML configuration files to perform archival and delivery of files at any needed cadence.
- Write, review, and test queries for reporting, deployment pipelines, and data standard validation.
- Part of a large scale multi-team project, involving planning, design, development, and deployment.

Computer Programmer | Savant Group | Midland, MI | Jun 2022 - Aug 2023

- Spearheaded the development of a sophisticated application using Laravel to create dynamic forms and digitize business processes.
- Utilized JSON manipulation techniques to generate dynamic forms and enhance user interactions.

- Collaborated with cross-functional teams to gather requirements, plan, and execute application features.
- Employed best coding practices to ensure the maintainability and scalability of the application.
- Used PHP to create backend components to perform various tasks based on JSON instructions to simultaneously manipulate a complex SQL relational database & NoSQL database simultaneously.

Full Stack Developer | Air Advantage | Frankenmuth, MI | Aug 2018 - Jun 2022

- Played a pivotal role as the sole programmer responsible for maintaining and enhancing a custom Laravel/PHP application for customer support and various business processes.
- Integrated SNMP technology to collect data from multiple radio devices, enabling accurate tracking of customer internet connections.
- Skillfully utilized APIs, processed tickets for Azotel via a web portal and mobile app, and conducted DHCP record manipulation to optimize application functionality.
- Collaborated with team members to troubleshoot and resolve technical issues effectively.
- Used PHP & SQL to create multiple in-house tools: job scheduling, report generation, ticket management, inventory management, network equipment down detection, etc.
- Created various PHP scripts to extract & manipulate data for mass data migration using multiple forms of SQL (MySQL & PostgreSQL)

Projects

Personal Portfolio Website | https://x64code.com | WIP

- Designed and developed a personal portfolio website to showcase projects, skills, and accomplishments.
- Utilizing Laravel, PHP, MySQL, Blade, and Livewire to create a dynamic and interactive user experience.
- Implemented responsive web design principles to ensure cross-device compatibility.

Social Media and Discord/Twitch Bots

- Independently designed and developed bots for various social media platforms, Discord, and Twitch.
- Leveraged programming languages such as Python and JavaScript to automate tasks and enhance user engagement.

Self-Managed Email Server | https://mail.x64code.com

- Created and managed on my own using iRedMail on Ubuntu 22.x
- Hosting email for several domains for myself, friends, and family.

Technical Skills

- Languages: PHP, JavaScript, C++, Java, Python, SQL
- Web Development: Laravel, Blade, Livewire, HTML, CSS, jQuery
- Databases: MySQL, PostgreSQL, MongoDB, SQLite, CSV
- Operating Systems: Linux (Ubuntu, CentOS), Windows (XP and later)
- Version Control: Git
- Web Servers: Apache, Nginx
- Networking: Webmail (iRedMail), Domain Management, VM Management

Additional Information

- Demonstrated ability to learn and adapt to new technologies and tools quickly.
- Strong problem-solving and analytical skills, capable of approaching challenges creatively.
- Adept at managing multiple projects simultaneously and meeting tight deadlines.