

Joseph Gross

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An analytical and innovative backend developer specializing in backend and web applications. Focused on creating robust functionality and seamless integrations for websites and systems to ensure efficient data management. An exceptional team collaborator who leverages actionable data insights to solve complex problems and drive continuous improvement.

Skills

Programming Containers Databases WordPress Web Applications JS Frameworks GraphQL Rest API
Analytical Thinking Communication Project Management Teamwork System Architecture & Design
Problem-Solving

Programming: Go, PHP/Laravel, Java, C# & C++, Python/Django, HTML/CSS, JavaScript

JS Frameworks: Node.js, React, Gatsby, Vue.js, Nuxt, Angular

Databases: MySQL, Postgres, SQLite, SQL Server, MSSQL, Redis, Elasticsearch

Experience

Senior Web Developer

Soivis LLC | *Uniontown, OH*

July 2024 - Current

- > Using PHP, Javascript and MySQL, CSS to create custom WordPress themes and plugins to create robust websites. Using Rest APIs and GraphQL to create functionality and integration with 3rd-party software and services (Google APIs, Salesforce, Shopify) to ensure the client's needs.
- > Worked with clients to identify, debug, and fix issues to ensure optimal performance
- > Collaborated with clients to manage expectations and ensure deadlines were met, contributing to the smooth execution of the project.

Senior Software Engineer

Tradefull | *North Canton, OH*

July 2022 - June 2024

- > Using PHP/Laravel, MSSQL, Redis, Elasticsearch, JavaScript, and Vue.js, I contributed to our proprietary Warehouse Management Software (WMS), Order Management Software (OMS), and Product Information Management (PIM), ensuring reliability and performance, removing manual processing, and Improving warehouse operations by at least 30%.
- > Scoped and planned projects, working across teams with front-end, designers, and operations members to ensure features were built properly and to spec promptly.
- > Debugged and resolve issues within the existing codebase, maintaining system stability and performance.
- > Developed integrations with various APIs (SOAP, REST, GraphQL) to connect marketplaces (e.g., Target, Amazon, Shopify) and shipping carriers (e.g., Amazon, FedEx, UPS).

Solutions Architect

Ignitro | *Canton, OH*

Sept 2017 - July 2022

- > Developed websites and web-apps primarily using Wordpress and Woocommerce. Using PHP, MySQL, Javascript, JQuery and modern frameworks(Vue, React, Gatsby, Node.js). Integrated REST, SOAP, and GraphQL APIs such as QuickBooks, Google APIs, Shopify, and Keap. Used plugins like ACF, Yoast SEO, Gravity forms for ease of use.
- > Communicated with 15+ clients and 10+ agencies, to scope proposals, tracked progress, and deliver functional solutions aligned with client needs.
- > Launched 40+ websites across industries, driving innovation and expanding the customer base. This helped increase their SEO rankings to ensure more traffic and lead generations.
- > Managed hosting and deployment pipelines across WP Engine, Pantheon, Netlify, and others, implementing CI/CD workflows to streamline code compilation and deployment.
- > Designed and developed an ADA compliance scanner - a Python/Django-based web app that identifies accessibility issues

on websites, using MySQL for storage and reporting automation.

Web Developer

Digital Marketing Group | *New Philadelphia, OH*

April 2016 - August 2017

- > Built and managed the design, functionality, security, and SEO of a custom content management solution tailored to each client's unique needs using PHP, MySQL, Javascript, and jQuery.
- > Ensured robust security measures and optimized SEO for the in-house custom content management solution (CMS).
- > Communicating with clients I worked with and delivering personalized solutions by customizing the CMS for each client's unique needs, ensuring easy user changes and usability.

Projects

My Gross Portfolio My Portfolio Website

- > Built with WordPress using loaded through Composer, and a custom theme developed using the Sage framework by Roots. Using the languages PHP/Laravel, HTML, SCSS, JavaScript
- > The theme is using composer and yarn to install packages needed.
- > Self-hosted with my home lab, using AWS S3 bucket, for media storage, distributed via AWS CloudFront, and enhanced with Cloudflare for additional security and performance.
- > Created a CI/CD to automatically compile and build a docker package that allows easy updates to the website on my Homelab.

AniManager Go application

- > Built with Golang and MySQL
- > Using the AniList API to track and store release dates, times, and show information in a PostgreSQL database.
- > Once the episodes air, an announcement is made on Bluesky to let followers know they're now live.
- > This process is automated with cron jobs, queue system and commands within the Go application.

Flex Maps WP Custom WP Plugin

- > Developed a WordPress plugin utilizing PHP, HTML, CSS, JavaScript, MySQL, and Google Maps API (e.g., Map, Location Autocomplete).
- > Implemented customizable solutions including geolocation, Ajax loading, complex search criteria, and support for international locations to meet diverse user needs.
- > Using WordPress Actions and Filters, I hooked into the core WordPress to create custom queries and modify the SQL generated.

Homelab My Personal Homelab Setup

- > Designed and implemented a scalable, automated home server infrastructure combining Linux (Ubuntu/Debian), Nginx Proxy Manager, Tailscale VPN, Cloudflare DNS, Pi-hole, and Plex to streamline media streaming, content management, and secure networking. Automated content workflows for seamless download, organization, and real-time monitoring of server performance.
- > Managed dedicated game servers, optimizing for multiplayer performance and uptime. Employed Bash scripting for task automation and system optimization, while ensuring secure access through VPNs and ad-blocking with Pi-hole.
- > This project improved operational efficiency, reduced manual intervention, and created a secure, scalable, and highly available ecosystem, providing seamless access to media and gaming services.

Education

Pittsburgh Technical College | 2014 - 2016

Pittsburgh, Pennsylvania

- > **Associate's Degree (A.S.)** Computer Programming