David Ranich

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SKILLS

// this list will update as more skills are acquired

>_ **Front End development:** JavaScript (ES5+), CSS3, Bootstrap, TailWindCSS, React, Vue, and React Native
>_ **Back End development:** Node.js, PHP (7.2+), Python, MongoDB, and MySQL
>_ **Server Operations:** Ubuntu/Linux, Automating tasks, Cloud Computing (AWS/Digital Ocean/Linode), and Resources monitoring
>_ **Troubleshooting:** Android/iOS Devices, Windows/Linux/macOS, Computer Hardware, IoT Devices, and Set Tops
>_ **Data Handling:** Scraping, Parsing, Sanitization, and Validation

WORK EXPERIENCE

FIVE x 5 | Remote | Software Engineer
JANUARY 2023 – PRESENT
// Tech Stack: Lumen/Laravel && Vue.js && MySQL && Docker && AWS

>_ Enhanced and maintained a critical software platform for distilleries, supporting the full lifecycle from grain to bottle production
>_ Assisted with the transition of legacy backend code from PHP to Lumen/Laravel, improving scalability and maintainability
>_ Contributed toward the upgrade of the frontend experience by implementing Vue.js components, resulting in faster load times and a modernized user interface
>_ Improved system performance, achieving significant reductions in load times and boosting overall application efficiency
>_ Introduced and developed new features that expanded the platform's capabilities, benefiting over 800 distilleries globally
>_ Executed a data retention strategy, ensuring robust management and secure storage of client files in compliance with company data retention policy
>_ Supported regulatory compliance by refining federal reporting tools, ensuring accurate and timely submissions for distillery clients

anyVID Solutions | Trenton, MI | Lead Software Engineer
NOVEMBER 2020 – DECEMBER 2022
// Tech Stack: Custom PHP Framework (MVC) && Cordova && MySQL && MongoDB && Linode

>_ Developed diagnostic monitoring software for Data Centers and Smart Devices
>_ Lead development of software that helps with managing over five million of corporate devices/network elements for US based Fortune 500 telecommunication company
>_ Lead the the app development for mobile (iOS & Android), web (Chrome, FireFox, and Safari), and streaming devices (Android TV & Fire TV) allowing customers to watch live television, use DVR capabilities, and watch VOD content for Canadian based Fortune 500 Telecommunications company
>_ Wrote automated processes for fixing lip sync and other video issues in thousands of HLS and Multicast streams
>_ Developed diagnostic and analytical processes for electric motorcycles, drones, and charging stations companies to determine future part/system failures

PROJECTS & FREELANCE

homePI
DECEMBER 2021 - PRESENT
// Tech Stack: PHP && ES5+ && Python && Shell && Batch && NGINX && Ubuntu

A smart home system I built using a number of Raspberry PIs.

>_ NAS server
>_ Plex server (video/movie streaming)
>_ Basic security system w/ camera setup
>_ Automatic door lock/unlock using RFID
>_ Minor hydroponics system for household plants

Keefi
APRIL 2020 - CURRENT (ON HOLD)
// Tech Stack: React && React Native && Node.js && MySQL

A full end-to-end solution for small businesses

>_ Custom iOS/Android applications for online ordering, handling deliveries, and management analytics and operations, using React Native
>_ Custom website front end and back end leveraging React and Node.js
>_ Real-time store stock monitoring and management
>_ WYSIWYG-like back end tools to make adding new items, deals, and promotions easier
>_ Real-time delivery updates for customer, as the driver makes their way through their order queue

ShopSavvy
FEBRUARY 2020 - January 2021 (ON HOLD)
// Tech Stack: Vue & React && Puppeteer && Web APIs

A Chromium browser extension that would automatically compare prices of items.

>_ Price comparison against the following retailers: Target, Best Buy, Amazon, and Walmart
>_ Price watch for selected items system
>_ Favorite items system

proof. Pest Control
JULY 2018 - AUGUST 2019
// Tech Stack: Wordpress && MailChimp && Constant Contact && Debian

Contract work for a Pest Control company's website.

>_ Full redesign of website utilizing mockups
>_ Created and modified HTML5 email campaigns using MailChimp and Constant Contact
>_ Website optimization: improved load times, removed unnecessary plugins, etc.
>_ Handled content changes and bug fixes via Monday.com tickets