



Michigan, United States



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David Ranich

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

anyVID Solutions | Trenton, MI | Lead Software Engineer

NOVEMBER 2020 - PRESENT

// Tech Stack: Custom PHP Framework (MVC) && Cordova && MySQL && MongoDB && GIT && NGINX && Ubuntu

- >_ 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

ChannelNet | Dearborn, MI | Technical Support Engineer

MARCH 2017 - SEPTEMBER 2020

// Tech Stack: ASP.NET && Angular && Microsoft SQL && GIT && Kestrel && Microsoft Server

- >_ Assisted with the development of proprietary Content Management System for client websites
- >_ Receive customer specifications. Create, customize, and upload content ensuring compliance with client and company standards
- >_ Perform quality assurance, manage website content, and provide support for over 1,500 client websites for a Dutch multinational corporation
- >_ Handling support tickets, as well as providing telephone, email, and remote desktop support
- >_ Run webinars for clients on how to use our platform, as well as hold trainings for Google My Business

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