



Southgate, MI

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David Ranich

SKILLS

- >_ **Front End development:** JavaScript (ES6+), CSS3, Bootstrap, TailWindCSS, React, Vue, and React Native
- >_ **Back End development:** Node, PHP, Python, MongoDB, and MySQL
- >_ **Server Operations:** Ubuntu/Linux, Automating tasks, Cloud Computing (Linode), and Resources monitoring
- >_ **Troubleshooting:** Android/iOS Devices, Windows/Linux/macOS, Computer Hardware, IoT Devices, and Set Tops
- >_ **Data Handling:** Scraping, Parsing, and Sanitizing

WORK EXPERIENCE

anyVID Solutions | Trenton, MI | Software Engineer

NOVEMBER 2020 - PRESENT

// *Tech Stack: Laravel && Cordova && MySQL && MongoDB && GIT && NGINX && Ubuntu*

- >_ Developed diagnostic monitoring software for electric motorcycles, drones, and charging stations companies
- >_ Assisted in the development of software that helps with managing millions of corporate devices/network elements for Fortune 500 telecommunication companies
- >_ Provided accurate and comprehensive data analysis for client operations
- >_ Automated diagnostic and analytical processes for electric motorcycles, drones, and charging stations companies to determine future part/system failures
- >_ Involved with the development of live television streaming mobile apps for Fortune 500 telecommunication companies based in Canada
- >_ Wrote automated solutions for fixing lip sync and other video issues in thousands of HLS/Multicast streams

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 && ES6+ && Python && Shell && Batch && Plex && NGINX && Ubuntu*

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

- >_ NAS server
- >_ Plex server
- >_ Basic security system
- >_ Automatic door lock/unlock using RFID

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