



Clinton Township, MI

586-419-5524

iam@davidranich.com

<https://davidranich.com>

# 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