Southgate, 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 (7.3+), Python, MongoDB, and MySQL
>_ **Server Operations:** Ubuntu/Linux, Automating tasks, Cloud Computing (Digital Ocean/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 | 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