



David Ranich ✕ Michigan, United States ✕ iam@davidranich.com ✕ <https://davidranich.com>

## SKILLS

- > **AI & Automation:** AI Agents, Prompt Engineering, LLM Integration, and Workflow Automation
- > **Backend development:** Node.js, PHP (7.2+), Python, MongoDB, and MySQL
- > **Frontend development:** JavaScript, CSS, TailWindCSS, React, Vue, and React Native
- > **DevOps & Server Operations:** Ubuntu/Linux, CI/CD Pipelines (Bitbucket/GitHub Actions), Test Automation Integration, Cloud Computing (AWS/Digital Ocean/Linode), and Resources monitoring
- > **Data Handling:** Scraping, Parsing, Sanitization, and Validation
- > **Troubleshooting:** Android/iOS Devices, Windows/Linux/macOS, Computer Hardware, IoT Devices, and Set Tops

## 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, achieving over 70% reduction in AWS S3 storage costs
- > 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
- > Led development of software that helps with managing over five million of corporate devices/network elements for US based Fortune 500 telecommunication company
- > Led 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