

Ryan Rapini

Cleveland, Ohio · ryanrapini@gmail.com · (440) 478-8356 · ryanrapini.com

EXPERIENCE

Lab Spend

Founding Engineer

August 2017 - Present

- Serving as the Engineering and Product Lead of a small tech team developing a sophisticated web application built with PHP (Laravel), Javascript (Vue.js), and PostgreSQL that has disrupted the industry for research laboratories.
- Taking ownership of the full life-cycle of the site features - from research to design to implementation to testing - with a meticulous focus on user experience and consistent visual design.
- Managing the live deployment of the web application, ensuring 99.9% up-time and stable performance for a mature web application, including zero-downtime deployment from source control.
- Ensuring quality through a Dockerized dev environment, live application monitoring, and frequent code audits.
- Handling recruiting, interviewing, on-boarding, mentoring, and management of all other technical employees.

Karat

Interview Expert

April 2021 - Present

- Conducting fair and enjoyable technical interviews spanning many technical disciplines and providing detailed and objective evaluations of the candidates to prospective employers.

emBold

Contract Full-stack Web Developer

March 2023 - September 2023

- Leveraged a modern technical stack consisting of Laravel/Svelte/Tailwind to rapidly prototype frontend and backend code and deliver time-critical milestones for the customer.

Rockwell Automation

Software Engineer

August 2015 - August 2017

Co-op Software Engineer

January - August 2013 & May - August 2014

- Worked with C++/MFC and WPF on the development and maintenance of RSLogix 5000, a commercial IDE used for programming industrial automation PLCs.
- Participated in rigorous quality testing and extensive code reviews of production-critical features.
- Practiced Agile/Scrum methodology with a large team to meet deliverables with predictable timelines.

P212121 Chemical Supply

Junior Software Engineer

August 2012 - August 2015

- Constructed a series of Python scripts used to robustly handle data scraped from a multitude of websites.
- Maintained a PostgreSQL database with a PHP interface which performed data analysis and price prediction on a massive data set for use with an e-commerce based chemical supply shop.

PROJECTS

NEO Sports Plant Volleyball *Laravel, React, MUI, PostgreSQL*

<https://vball.me>

A website for running recreational adult volleyball leagues with many features including: league registration, payment processing, facility scheduling, and score recording.

MHS Science Olympiad Signups *Laravel, Vue.js, Vuetify, MySQL*

<https://mhsscioly.com>

A robust SPA for handling team registrations and live results tabulation for a high school Science Olympiad competition with over 100 teams and 25 events.

SKILLS

- **General Languages:** Python, C++, Ruby, Java, Linux, Bash Scripting
- **Backend:** PHP, Laravel, PostgreSQL, Redis, MySQL
- **Frontend:** Javascript, Vue.js, Svelte, Vuetify, React, MUI, Material Design, Bootstrap
- **DevOps:** Docker, Laravel Forge / Envoyer, Git
- **Hobbies:** 3D Modeling, 3D Printing, CNC, Laser Cutting, Volleyball

EDUCATION

University of Toledo

BS Computer Science and Engineering Technology

2010 - 2015

References available upon request.