

RYAN RAPINI

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EDUCATION

University of Toledo

BS Computer Science and Engineering Technology

2010 - 2015

EXPERIENCE

Lab Spend

Senior Full-stack Software Engineer

August 2017 - Present

- Serving as the Engineering and Product Lead of a small tech team developing a sophisticated web application built on PHP/Javascript that provides features such as: purchase requests, workgroup communication and approvals, dramatic price savings, and a powerful inventory management system.
- Taking full ownership of complex features from 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 consistent up-time and stable performance for a mature web application with over 100 concurrent users daily and \$25k+ monthly gross revenue.
- Ensuring quality through integration testing, live application monitoring, and frequent code audits.
- Handling recruiting, interviewing, on-boarding, and overseeing 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.

Rockwell Automation

Software Engineer

August 2015 - August 2017

- Worked with C++/MFC on the development of RSLogix 5000, a commercial IDE used for programming industrial PLCs.
- Practiced Agile/Scrum methodology to meet deliverables with predictable timelines.

P212121 Chemical Supply

Software Engineer

August 2012 - August 2015

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

SKILLS

Backend: PHP, Laravel, PostgreSQL, Redis, MySQL
Frontend: Javascript, Vue.js, Vuetify, React, MUI, Material Design, Bootstrap
DevOps: Docker, Laravel Forge / Envoyer, Git
Other Languages: Python, C++, Java, Bash Scripting

PROJECTS

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

<https://vball.me>

A sophisticated 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 highschool Science Olympiad competition with over 100 teams and 25 events.