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Jacob Jeffries
Portfolio: www.jeffries.info
https://github.com/Jacob-Jeffries

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Summary

Attentive fullstack web developer with 1 year of combined experience in LAMP & MERN stacks. Proven track record of building functional chemical inventory applications, delivering value and innovation in purchasing, chemical management, and inventory control.

Core Competencies

- Fullstack Web Development (LAMP / MERN)
- Team Coding
- UI/UX Design
- HTML, CSS (Vanilla & Bootstrap)
- ReactJS

- JavaScript (Browser & Node.js)
- Express Server (RESTful API)
- MySQL & MongoDB
- Apollo GraphQL
- Inventory Control

Development Projects

ReactJS Portfolio   https://github.com/Jacob-Jeffries/portfolio
- This is a dynamic page generated using HTML, CSS, JavaScript, and ReactJS.

Social Media Backend   https://github.com/Jacob-Jeffries/social_backend
- Individually built backend server written with Node.js, Express, and MongoDB.

Petstar   https://github.com/Jacob-Jeffries/rmp
- Team coded fullstack application using using Node.js, Express, Sequelize, MySQL, Handlebars, with user login & authentication, and image upload.

E-Commerce Backend   https://github.com/Jacob-Jeffries/m13c
- Engineered a backend server using Sequelize as an ORM, and structuring a backend Express server to use Sequelize in standard CRUD routes to a MySQL DB.

Education & Training

Fullstack Coding Bootcamp – Michigan State University   Completion May 2023
Master of Science (Cellular Biology) – Purdue University   Graduated December 2018
Bachelor of Science (Molecular Biology)   Graduated August 2014
Indiana High School Honors Diploma – Center Grove H.S.   Graduated May 2004

Relevant Professional Experience

Northern Michigan University – Marquette, MI   2019-Current
Chemistry Laboratory Supervisor
- Designed and built LAMP stack, chemical inventory system http://jjeffrie.nmu.edu
- Purchased all required chemicals, equipment, and instruments for the department
- Budgeted department spending and presented monthly reports
- Repaired & maintained instrument connected computers and specified new systems when needed
- Hired, trained, scheduled, and supervised 12 student employees each semester

Purdue University – West Lafayette, IN   2016-2018
Graduate Student
- Performed wet-bench research to investigate the function of innate immune cells
- Organized and published data garnered in laboratory research
- Analyzed, summarized, and presented weekly research reports during lab meetings using Python & R