

# DANIEL R. SHAWL, MS

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## Summary

My journey into software development began with the creation of a simple website to promote my previous health business, but it quickly grew into a profound passion for developing innovative software solutions. The challenging nature of software development provides me with an opportunity to continuously acquire new technical knowledge, refine my expertise in established technologies like JavaScript, React, and Node.js, and solve difficult business problems to enhance customer experiences. I am eager to join a team of like-minded individuals that can continue to inspire my learning and growth, and contribute to technology impacting people's day to day lives.

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## Recent Software Developer Experience

### WorkHub

*Facility Management CMS*

A web application developed for facility management that enhances our company's day-to-day work orders and documentation procedures. This application is built with React for the frontend user interface, Node.js, Express, and MongoDB for the backend, and JSON Web Tokens for robust authentication and authorization mechanisms. Check out the app here: <https://workhub.up.railway.app/>

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## Skills | Technologies | Practices | Tools

JavaScript (ES6+) HTML 5 CSS 3 React JS Node JS Next JS Express JS SCSS TailwindCSS Material UI Git  
GitHub Firebase Vercel Postman Shopify VS Code SEO Responsive Design Agile Methodology

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## Work History

### Louis Biscuits Web Development

**Freelance Software Developer** • Philadelphia, PA

03/2020 - Present

- Designed, developed, and deployed responsive, front-facing web apps and websites.
- Developed REST APIs to handle end-user CRUD operations, format JSON data, and create authentication protocols.
- Ensured codebase is maintainable, scalable, and reliable with frontend development best practices such as error handling and modular code.
- Collaborated with site-owners to understand technical needs and implement solutions with web technologies that include: JavaScript, React, Node.js, MongoDB, JWT, and HTML/CSS.
- Improved on-page SEO to increase client's monthly traffic (increased by up to 500+ visits per month).
- Communicated with clients to develop solutions for reported bugs and requests.
- Implemented additional functionality for clients, leveraging content management systems and ecommerce platforms like WordPress and Shopify.

## **Zarett Rehab**

**Facility Manager / Senior Physiologist** ▪ Philadelphia, PA

03/2021 - Present

- Successfully managed and coordinated over 50 facility renovations, repairs, and projects within the first year of employment.
- Evaluated and determined alternative solutions for facility maintenance renovations resulting in a \$4,500 reduction in maintenance costs in the last year.
- Documented work orders and maintenance for all building systems, ensuring accurate and up-to-date records.
- Documented patients' responses to therapies and exercises, averaging 200+ documentation updates per month.
- Communicated updates and recommended adjustments to practitioners to ensure optimal patient care.
- Actively participated in team meetings and collaborated with management in the decision-making process for patient recovery programs

## **Indiana University of Pennsylvania**

**Information Technology Specialist** ▪ Indiana, PA

01/2019 - 08/2019

- Provided support for escalated tickets from help desk to a user base of over 9,000 users.
- Communicated with students and staff concerning technology integration and network access.
- Assisted teaching faculty with hardware setup throughout the campus.
- Researched product and issue resolution tactics to address user concerns.
- Set up network profiles, security permissions and file sharing systems.

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## **Education**

### **Master of Science**

08/2019

Exercise Physiology - Indiana University of Pennsylvania - Indiana, PA

### **Bachelor of Science**

08/2018

Exercise Physiology - Indiana University of Pennsylvania - Indiana, PA

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