Seth Miller | Full-Stack Software Engineer

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Summary

Full-Stack Engineer with 3 years of experience in Education. Passions for teaching others and continuous learning help grow the ability to solve complex and dynamic problems. Leveraging strong skills in communication and simplifying abstract knowledge to amplify a team's capability to effectively collaborate and be solution-focused.

Skills

Software: JavaScript, React.js, JQuery, HTML5, EJS, CSS3, SASS, Express, Node.js, Google Firebase MongoDB, Mongoose, Python, Django, PostgreSQL, Docker, Git, GitHub, cURL, Postman, Heroku, Canvas, Trello

Software Development Projects

Redundant - Front End Lead/Git Manager   **Sept. 2022 - Present**
- A full MERN stack social media application
- Used client-side routing to create a dynamic and responsive user experience
- Authenticated users using Google Firebase
- Crafted HTTP requests and responsives to serve data to the user
- Technologies used: React.js Express, Node.js, MongoDB, Mongoose, SASS, Google Firebase, AJAX

Disc Golf Tag Masters - Lead Project   **Sept. 2022 - Present**
- A mobile focused web application to help run disc golf tag matches
- Created a noSQL database to store information about events and players
- Served EJS pages to the front end which react dynamically to user input
- Full CRUD routes on the backend allow users to manage the information stored in the database
- Technologies used: Node.js, Express, MongoDB, Mongoose, jQuery, Javascript, Embedded Javscript (EJS), CSS3

Find Your National Parks - Lead Project   **August 2022 - Present**
- Tool that provides users a streamlined way to find information about parks managed by the National Park Service
- Utilized front-end techniques to dynamically display information from user query inputs
- Created an application with a mobile-first approach and styled using CSS3 with flexbox/grid layouts.
- Used the National Parks Service API to retrieve data from their catalog of 496 State parks.
- Technologies used: Javascript, HTML5, CSS3, AJAX, jQuery

Professional Experience

Goshen High School, Science Teacher (Physics, Chemistry, Geometry)   **Feb. 2017 - May 2018**
- Developed and implemented innovative, hands-on lesson plans in physics, chemistry, and geometry and facilitated lessons to over 120 students each semester.
- Implemented a variety of instructional techniques to promote the rigor and relevance of the content, and provide all students the opportunity to learn in a positive environment leading to a promotional rate of 92%.
- Collaborated with fellow teachers and professionals to develop additional classroom materials to improve learning outcomes

The Exchange, Lead Trainer/Barista   **Jan. 2019 - Aug. 2021**
- Onboarded and trained 20+ new hires in customer service best practices and drink making techniques
- Developed training manual for new hires which lead to a 20% increase in trainee retention by reducing the training time increasing trainee confidence in their own ability to work in a fast paced restaurant.
- Processed upwards of 60 in person and online customer orders pera hour, both in person and online, with an accuracy rate of over 99%.

Education

General Assembly
Software Engineering Immersive   **Aug. - Oct. 2022**

Goshen College
Transition to Teaching - Indiana Teacher License - Physics   **Aug. 2016 - Dec. 2017**
Bachelor of Arts in Physics - Cum Laude - GPA: 3.75   **Class of May 2015**