

Marisa Miller

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EXPERIENCE

Associate Software Engineer | Clinisys | Tucson, AZ

Jul 2024 - Present

- Develop, maintain, and test features for Clinisys' laboratory management web solution using ASP.NET Core, React.js, and Backbone.js.
- Implement REST API functions and unit tests in C#, and manage backend operations with Oracle PL/SQL.
- Adapt quickly to evolving project requirements, demonstrating problem-solving skills and a strong attention to detail in a fast-paced development environment.

Software Development Intern | Clinisys | Tucson, AZ

Jun 2023 - Aug 2023

- Contribute to the development and testing of a laboratory analytics web platform, enhancing the UI using React and playing a role in developing the ASP.NET REST API while adhering to Agile methodologies.
- Partnered with worldwide scrum team members to provide impactful solutions.
- Conducted strategic research to inform decision-making for the future of the product.

TECHNICAL SKILLS

Languages: TypeScript, C#, JavaScript, PL/SQL, SQL, HTML, CSS, Python, PHP

Tools: Git, ReactJS, NextJS, BackboneJS, MySQL, Oracle PL/SQL, NUnit, Prisma, Tailwind, React Native, MongoDB, NodeJS

EDUCATION

Brigham Young University - Idaho | Rexburg, ID

B.S. in Software Engineering | GPA: 4.0/4.0

Apr 2024

Web Design and Development Minor

Relevant Courses: Data Structures, Web Services, Full-Stack Development, Database Design and Development, Calculus II

PROJECTS

Rexburg SuperSaver Web App | 3rd Place Hackathon Win

Oct 2023

- Led a 3-person team in developing Rexburg SuperSaver, a React-based web app that revolutionized access to weekly grocery deals in Rexburg, Idaho.
- Utilized React for the front end, Node.js for the backend, Firebase for data synchronization, and Selenium with Python for web scraping.

Personal Learning Management Web App | Class Project

Jan 2024

- Collaborated on a Personal Learning Management Web App using Next.js, Prisma, PostgreSQL, and Tailwind CSS with a partner, focusing on efficient data management and responsive UI design.

Food Diary Mobile App | Personal Project

Jan 2024

- Developed a cross-platform mobile app using React Native and Firebase, integrating with the Edamam Food API to allow users to log meals, track symptoms, and gain insights into dietary habits.
- Implemented data visualization with React Native Chart, providing users with clear, actionable insights into their food intake and health correlations.

Task API | Class Project | (<https://taskmaster-oq75.onrender.com/api-docs>)

May 2023

- Developed a RESTful API using Node.js and Express, integrating MongoDB for seamless CRUD operations managing teams, users, inventory, and tasks.
- Implemented Google OAuth for secure authentication within the API, showcasing proficiency in backend development and database management for scalable web applications.