Melanie Winter

Full-Stack Developer
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As a web developer with a year of experience, I specialize in developing robust and feature-rich web applications. Committed to the end-user's experience, I design interfaces that prioritize accessibility, responsiveness, and user-friendliness. I'm eager to continue evolving in the tech industry by contributing inventive solutions and embracing new challenges.

Work Experience

Web Developer (Freelance), Rowell Ranch Rodeo Inc.   *2023 - Present*
Remote

- Spearheaded end-to-end development of the Rowell Ranch Rodeo official website, utilizing React, Express, Node, and MongoDB to create a full-stack single-page application. Achieving a 20% reduction in development time.
- Developed a dynamic events management system and admin portal, enabling admin users to seamlessly deliver real-time event updates to client users, potentially reducing update time by up to 50%.
- Integrated advanced payment processing via the Stripe API, projected to potentially increase online ticket sales by up to 20%, enhancing the overall user experience and revenue potential for the company.
- Implemented token-based user authentication, ensuring a fully secure user experience.
- Created high-fidelity wireframes using Figma, leading to 30% fewer iterations and expediting the design process.
- Contracted for ongoing maintenance and implementation of future improvements and features. Ensuring a 24-hour turnaround time for critical updates and enhancements.

Software Engineering Fellow, General Assembly   *2023 - 2024*
Remote

Completed a 12-week intensive software engineering immersive program, dedicating 500+ intensive hours to mastering full-stack web development and object-oriented programming. This rigorous program was complemented by several months of extensive self-study, deepening my skill set in the latest technologies and solidifying my use of best practices in software development.

Projects

Melodix [Python, Django, PostgreSQL, AWS S3]   GitHub | Demo

A full-stack Spotify clone, allowing users to create, manage, and share personalized playlists with secure authentication and intuitive playlist management features (potentially increasing user satisfaction by up to 40%).

- Led a team of 3 to implement user authentication and CRUD operations for playlists, utilizing Django for backend and PostgreSQL for data storage.
- Integrated seamless photo uploading functionality with AWS S3, enhancing user experience and enabling users to personalize their playlists with album art.

Gameify [MongoDB, Express.js, Node.js]   GitHub | Demo

A self improvement application to incentivize self-improvement. Gameify was designed to reward completing tasks and goals via a complex leveling system, gamifying the route to skill mastery (potentially increasing user engagement by 30%).

- Implemented Google OAuth for client user authentication, streamlining the login process and enhancing security.
- Developed a comprehensive task management system which allows for users to CRUD taste, goals, and skills, with the potential to increase completion rates by up to 25%.

Education

General Assembly, Software Engineering Immersive   *2023 - 2024*
Remote

De Anza College, Business Administration & Accounting   *2013 - 2014*
Cupertino, CA