Darilyn Peguero

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Software Engineer

Motivated Software Engineer transitioning from a career in healthcare as a phlebotomist to technology, bringing a strong foundation in precision, adaptability, and problem-solving. Skilled in React, Node.js, JavaScript and full-stack development, I create well-structured, maintainable applications with a focus on usability and accessibility. Driven by a mission to leverage technology to solve real-world problems and make a positive impact on users and organizations.

Technical Skills

JavaScript | React | Node.js | Express.js | HTML5 | CSS3 | Git | GitHub | MongoDB | REST APIs | Responsive Design

Technical Projects

News Explorer | Github | Demo

A dynamic web application that allows users to search, save, and manage news articles from external APIs, designed for users who want to personalize and organize their reading experience.

- Integrated external news APIs to fetch and display real-time articles, with search and filtering functionality for tailored results.
- Implemented JWT authentication and secure user sessions to ensure data privacy.
- Designed and deployed a responsive, mobile-first frontend in React, using Flexbox, CSS Grid, and media queries to deliver a consistent experience across devices.

What To Wear | GitHub | Demo

A weather-based clothing recommendation app that provides users with personalized wardrobe suggestions based on real-time weather data.

- Integrated third-party weather APIs to fetch live weather data and generate dynamic clothing recommendations.
- Designed a user-friendly interface that adapts to real-time data, making weather-based outfit planning simple and interactive.
- Designed authentication and authorization features to allow users to save and manage personal wardrobes.

Spots | GitHub | Demo

An interactive photo-sharing app where users can upload, edit, like, and delete photos, designed for a social media-style experience.

- User Interface Design: Applied Flexbox and CSS Grid to create a clean, modern layout, with smooth transitions and hover effects to enhance usability and visual appeal.
- Implemented interactive features such as liking and editing posts to enhance user engagement.
- Outcome: Delivered a responsive, engaging photo-sharing experience that mirrors core social media interactions while demonstrating front-end engineering and UI/UX design skills.

Professional Experience

Phlebotomist | Labcorp |Boston,MA   07/2021-Present
- Collect and process blood samples with precision and accuracy, demonstrating strong attention to detail and adherence to strict protocols.
- Maintain accurate patient records and ensure compliance with safety and confidentiality standards.
- Collaborated with healthcare professionals to deliver efficient and compassionate patient care in high-pressure environments.
- Adapted quickly to dynamic situations and problem-solved effectively, ensuring both patient comfort and procedural success

Phlebotomist | Signature Healthcare | Brockton, MA   02/2021 – 05/2021

- Performed precise blood draws and specimen collection for both inpatient and outpatient labs while maintaining detailed documentation and adhering to strict safety protocols.
- Managed specimen labeling, storage, and transport according to laboratory standards, ensuring accuracy and patient confidentiality.
- Streamlined blood collection processes while maintaining compliance with healthcare regulations and quality control standards.

- Conducted venipuncture procedures with strict adherence to infection control standards, ensuring accurate specimen tracking and high-quality patient care documentation.

Education

Software Engineering Certificate | TripleTen   2024
Phlebotomy | Roxbury Community College   2020
BA in Criminal justice & Psychology **|** Salem State University | Salem,Ma   2024