

## Darilyn Peguero

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## Software Engineer

Full-stack Software Engineer with hands-on experience building production-level features during an engineering externship using React, Node.js, Tailwind, GraphQL, and Keystone. Former healthcare professional known for precision, problem-solving, and user-focused design.

## Technical Skills

JavaScript • TypeScript • React • Tailwind CSS • Node.js • Express.js • MongoDB • GraphQL • KeystoneJS • REST APIs • AI Agents • n8n • Prompt Engineering • Automation Workflows • JSON • Git & GitHub • Postman • Jira • 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-gmail.com 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.

- 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.
- 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

### AI Automation Extern | Wayfair | Remote

12/2025-Present

- Designed and built AI-powered automation workflows using n8n, integrating LLMs to transform ambiguous business questions into structured, actionable outputs.
- Implemented conditional logic, data parsing, and JSON-based decision flows to classify user intent and route requests through appropriate automation paths.
- Collaborated in an industry-sponsored environment to deliver automation solutions aligned with real-world enterprise use cases and constraints.

**Software Engineering Extern | OC Wildland Fire & CPR Training | Remote**      09/2025 – 11/2025

- Revamped the organization's public-facing website, improving navigation flow and UI responsiveness across mobile and desktop breakpoints.
- Built 15+ reusable UI components using React, Tailwind CSS, and TypeScript, improving frontend consistency and development speed. Troubleshooted UX and layout bugs across environments.
- Integrated backend functionality with GraphQL and Keystone, enabling dynamic content, API queries, and secure data operations.
- Collaborated using Jira and GitHub pull requests, delivering iterative improvements and partnering with senior engineers for code reviews.

**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.
- Collaborate with healthcare professionals to deliver efficient and compassionate patient care in high-pressure environments.
- Adapt quickly to dynamic situations and problem-solve effectively, ensuring patient comfort and procedural success.

**Education**

<b>Software Engineering Certificate   TripleTen</b>	2024
<b>Bachelor of Arts in Criminal Justice &amp; Psychology   Salem State University   Salem, Ma</b>	2024
<b>Phlebotomy   Roxbury Community College</b>	2020