Cassandra Peterson

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Software Engineer / Full Stack Engineer

"Engineer of impact, designer of experiences." Full-Stack Software Engineer with 6+ years' success building, optimizing, and integrating digital solutions that drive measurable results. Expert in SQL, HTML5, CSS3, and RESTful APIs, with a proven record of boosting engagement, streamlining workflows, and delivering seamless Microsoft Dynamics integrations. Known for blending creative vision with backend precision to produce scalable, high-performance applications. Omaha-based and ready to deliver innovation that moves the needle.

Technical Skills

HTML5 | CSS3 | JavaScript I Node.js I React I SQL I Sass I Bootstrap I MongoDB I RESTful API Development I Git/GitHub I Version Control | AI / Machine Learning | Generative AI development| Cloud Deployment I Full-Stack Development

Technical Projects

Spots | Github | Demo
   Spots is an interactive social media platform designed for individuals seeking a dynamic space to share and engage with visual content. The application offers a user-friendly experience, allowing users to connect through shared interests and interactions. Built with HTML, CSS, JavaScript, and Node.js.
- **Implemented** photo upload and deletion features, enabling users to personalize their profiles.
- **Developed** a liking system for posts, fostering engagement and interaction among users.
- **Integrated** profile customization options, allowing users to make minor adjustments to their personal information.

Simple to do App | Github | Demo
   This full-stack To-Do List application is designed for individuals seeking an efficient way to manage their tasks. Built with HTML, CSS, and Java, the app offers a seamless experience for task management.
- **Developed** task management features, allowing users to add, complete, and delete tasks.
- **Implemented** data persistence through Java file storage or database integration, ensuring task data is retained.
- **Created** a responsive interface, providing a consistent user experience across devices.

Tripleten Coffeeshop | Github | Demo
   This project involved designing a responsive coffee shop landing page aimed at coffee enthusiasts and remote workers. The design emphasizes a cozy café experience with an intuitive, mobile-friendly interface.
- **Utilized** semantic HTML5 and Flexbox for layout, ensuring a responsive design.
- **Organized** styles with a flat BEM file structure, enhancing maintainability and scalability.
- **Implemented** a custom form with CSS animations and transforms, improving user interaction.

What to Wear Weather App | Github | Demo
   The idea of the application is - we make a call to an API, which then responds with the daily weather forecast. We collect the weather data, process it, and then based on the forecast, we recommend suitable clothing to the user.
- **Utilized** Javascript, ReactJS, REST API.
- **Organized** weather app components, routes, and custom hooks.
- **Implemented** Real-time + forecast via API; parsed into usable data streams.

Professional Experience

Full Stack Developer, Surplus Sales of Nebraska, Omaha   02/23 - 07/24
- Collaborated between design and development for a full-scale website overhaul, improving UX and increasing sales.
- Integrated Microsoft Dynamics with REST APIs, optimizing UI and database performance for 75,000+ products.
- Audited and updated a legacy SQL database of inactive items by learning SQL, filling critical missing fields, and restoring full functionality to improve website performance and user experience.

Visual Designer, FASTSIGNS®, Omaha   05/22 - 02/23
- Developed design templates that streamlined client submissions, reducing errors and improving turnaround times.
- Enhanced project consistency through optimized color profiles and workflow improvements.

Creative Director, Direct Insight Services Inc., Omaha   05/21 - 08/22
- Designed and coded responsive email campaigns to improve engagement and click-through rates.
- Strengthened brand identity and increased client inquiries through compelling design and messaging.

Education

Software Engineering Certificate, TripleTen	05/25 - 12-25
Bachelors of Web Design — Miami International University of Art & Design – Art Institute	10/21 - 03/23
Associate of Arts and Science — Independence University	03/16 - 10/17