YASH PRATAP SINGH

Contact Information:
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Aspiring UI Developer with practical experience in designing user-friendly interfaces and a solid understanding of design principles. Proficient in React, CSS, HTML, Python, WordPress, SQL, C++, and cloud technology (GCP). Committed to continuous learning and driven to infuse creativity and innovation into web development projects.

Technical Skills:

- **React.js:** Component Lifecycle, Hooks (useState, useEffect), State Management.
- **HTML5:** Semantic Elements, Forms and Validation, Multimedia Integration (Audio, Video).
- **CSS3:** Flexbox & Grid Layout, Animations & Transitions, Media Queries for Responsive Design.
- **Bootstrap:** Grid System, Components & Utilities, Theming & Customization.
- **Tailwind CSS:** Utility Classes, Custom Configuration, Responsive Design.
- **Frontend Optimization:** Code Splitting, Lazy Loading, Service Workers, Frontend Caching.
- **WordPress:** Theme Development, Plugin Development, Elementor Integration
- **JavaScript:** Asynchronous Programming (Fetch API), DOM manipulation.
- **API Integration:** API Design, HTTP Methods (GET, POST, PUT, DELETE).
- **Git:** Version Control (Branching, Merging), Collaboration (GitHub, GitLab), Conflict Resolution.
- **Python:** Data Analysis (Pandas, NumPy), Web Development (Flask, Django).
- **SQL:** Complex Queries, Database Design (Normalization).
- **C++:** Object-Oriented Programming, Standard Template Library (STL).

Professional Experience:

REPINDIA | Web Developer
August 2023 - June 2024

- Developed dynamic, responsive websites using React, Tailwind CSS, HTML, and Bootstrap, boosting client satisfaction by 40%.
- Enhanced UI performance with code splitting, lazy loading, and frontend caching, leading to faster load times.
- Created modular UI components (e.g., carousels, modals) with React and Bootstrap, improving maintainability.
- Optimized images and assets using responsive images, compression, and SVGs.
- Integrated animations and transitions to enhance user interactions and engagement.
- Implemented modern CSS techniques like CSS Grid and Flexbox to create complex layouts and adaptive designs without compromising performance.
- Managed end-to-end development of various projects:
  - **Dynamix:** Architected a comprehensive real estate platform utilizing React to showcase properties efficiently isit Dynamix Group for details.
  - **Merino:** Collaborated on the Merino Laminates website, leveraging PHP and Tailwind CSS for a seamless user experience.
  - **Camcom:** Currently developing using PHP and Bootstrap CSS, focusing on modular design and scalability.

College Project:

Telepresence Virtual Doctor Robot
- Developed an innovative telepresence robot during the COVID-19 pandemic to assist hospital operations, including room sanitization and medication transport.
- Enhanced operational safety and efficiency for hospital staff through telepresence capabilities.
- Utilized C++ for programming and integrated sensors for real-time data acquisition.

Education & Certifications:

- **Bachelor of Technology** from GL Bajaj Group of Institutions, Mathura (2022)
- **10th** From Dayawati Modi Academy (2019)
- **12th** From Dayawati Modi Academy (2017)

Extracurricular Activities
- Volunteered for Annual Sports Festivals, showcasing leadership and organizational skills.
- Active Member of the E-Yantra Robotics Lab, contributing to various robotics projects and competitions.