Shalini Prasanna

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# Professional Summary

Detail-oriented React Developer with a strong background in frontend development, UI/UX design, and web application optimization. Skilled in JavaScript, React, Redux, HTML, CSS, and REST APIs with additional experience in backend integration and database connectivity. Adept at building responsive, scalable, and high-performance applications through both academic and professional projects.

# Technical Skills

- Languages & Frameworks: JavaScript (ES6+), React, Redux, HTML5, CSS3, Python, C++, SQL  
- Databases: MySQL  
- Tools & Platforms: Git, GitHub, VS Code, Postman  
- Web Concepts: Responsive Design, API Integration, Component-Based Architecture  
- Others: Data Visualization, Agile/Scrum collaboration

# Professional Projects

*Online Multiplayer Runner Game – Unity with React-based Dashboard (Academic Project – 2023)*

* Built a React-based admin dashboard to monitor live game statistics.
* Designed interactive charts and leaderboards with dynamic data fetching.
* Integrated backend APIs for score tracking and player management.

*React-Based E-Hospital Management System (Academic Project – 2024)*

* Developed a full-stack hospital management system with React for frontend and MySQL backend.
* Designed reusable UI components for patient registration, appointment scheduling, and billing.
* Integrated REST APIs to connect frontend with backend services for real-time data updates.
* Implemented form validation and role-based authentication for improved security.

*To–Do List App using React & Redux (Self-Initiated 2024)*

* Built a feature-rich web application by leveraging React for the user interface and Redux for predictable, centralized state management.
* Engineered key features including asynchronous API calls to fetch data, a persistent shopping cart, and a component-based architecture for scalability and maintenance.

*Personal Portfolio Website using React & Tailwind CSS (self-initiated 2025)*

* Developed a fully responsive personal portfolio website using React and Tailwind CSS to showcase projects, skills, and professional experience in a clean, modern interface.
* Engineered a dynamic single-page application using React, creating a modular and maintainable codebase with component-based architecture.
* Styled the application with Tailwind CSS, implementing a mobile-first, responsive design that ensures a seamless user experience across desktops, tablets, and mobile devices.
* Managed component state and lifecycle events, such as scroll listeners, by utilizing React Hooks like useState and useEffect to create an interactive and fluid user interface.

# Certifications

* Create a Front-End App with React – Codecademy (Feb 2024)
* Create an Advanced Web App with React and Redux – Codecademy (Nov 2024)
* Learn JavaScript – Codecademy (June 2025)

# Education

* Master of Science in Cybersecurity Management, University of Alabama, Huntsville, USA
* Master of Science in Computer Science, University of Nottingham, England
* Bachelor of Engineering in Computer Engineering, Cummins College of Engineering, Pune, India