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

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.

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.

Personal Portfolio Website (React & Redux) (Self-Initiated – 2024)

• Created a personal portfolio to showcase projects, using React Router for seamless navigation.  
• Implemented Redux for global state management across components.  
• Optimized site performance with lazy loading and code splitting.

# Certifications

• Create an Advanced Web App with React and Redux – Codecademy (Nov 2024)  
• Create a Front-End App with React – Codecademy (Feb 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