

Madhu Uppala

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PROFESSIONAL SUMMARY

Proficient React Developer with 2 years of professional experience in building responsive, user-friendly web applications. Skilled in creating dynamic and interactive front-end solutions using React.js. Demonstrated expertise in implementing feature-rich interfaces and collaborating with teams to deliver high-quality software.

PROFESSIONAL EXPERIENCE

Software Engineer

HCLTech, Vijayawada

April 2025 – **Current**

- Participating in knowledge transfer sessions and project-specific trainings to understand business requirements and technical processes.
- Collaborating with senior team members to gain exposure to real-time project development and delivery standards.

React Developer

AVIDEX INFOTECH PVT LTD, Chennai

March 2023 – **March 2025**

- Designed and developed responsive user interfaces using React.js, ensuring seamless user experiences.
- Created reusable components and implemented state management using React Context and Redux.
- Optimized application performance through efficient component rendering and code splitting.
- Collaborated with UI/UX designers to implement pixel-perfect designs.
- Integrated RESTful APIs with front-end components for dynamic data interactions.
- Conducted thorough testing and debugging to ensure robust and error-free applications.
- Assisted the backend development team by defining API requirements, troubleshooting integration issues, and implementing minor backend functionalities using Node.js.

EDUCATION

B.Tech in Electronics and Communication Engineering

QUBA College of Engineering, Venkatachalam, Nellore District | **2021** | 61%

Class XII (Intermediate)

Meenakshi Junior College, Kota, Nellore District | **2017** | 68%

SKILLS

- Frontend:** React.js, JavaScript, HTML, CSS, Bootstrap, TailwindCSS
- Backend:** Node.js, Express.js, REST APIs
- Databases:** SQL
- Languages:** Python, JavaScript
- Version Control:** Git, GitHub
- State Management:** Context API, Redux
- Tools & Technologies:** NPM, Responsive Web Design, Authentication

CERTIFICATIONS

- Full Stack Development Certification** (NxtWave)
- Python Programming Certification** (NxtWave)

- **JavaScript, React.js and Node.js Certification** (NxtWave)

PROJECTS

Nxt-Watch

- Developed a video streaming platform allowing users to watch videos, save videos to a watch later list, and search for specific content.
- Designed and implemented UI features including the home dashboard, video detail pages, watch later functionality, and search results using React Router components such as Route, Switch, Link, props, lists, and keys.
- Asynchronously fetched video data from the server using fetch GET HTTP API calls, and performed searches by passing query parameters.
- Ensured robust navigation by implementing a 404 not found page for invalid paths, placed as the last route in the Switch component with * path.
- Incorporated responsive design principles to ensure optimal viewing experience across various devices using CSS and Bootstrap.
- Implemented local storage to persist user's watch later list and search history for enhanced user experience.
- Added video playback features such as play, pause, and seek functionalities to improve user interaction with the video player.

Technologies used: React.js, Routing, REST API, CSS, Bootstrap, Authentication

NxtTrendz

- Developed a responsive e-commerce platform that allows users to browse products, add or remove items from the cart, and manage their shopping experience.
- Integrated user authentication, including login functionality, to secure access to the home and cart routes using authentication tokens.
- Designed and implemented UI components such as the product listing, product detail pages, and cart functionality using React Router components like Route, Switch, and Link.
- Asynchronously fetched product data from the server using fetch GET HTTP API calls, and implemented a seamless shopping experience with search, filtering, and sorting features.
- Enabled cart state persistence by leveraging local storage to store the user's cart data, ensuring items remain in the cart across page reloads.
- Incorporated robust navigation handling, including a 404 error page for invalid paths, to improve overall user experience.
- Applied CSS and Bootstrap to create a responsive layout that adapts to various screen sizes and devices, enhancing the platform's accessibility and usability.

Technologies used: React.js, Routing, REST API Calls, CSS, Bootstrap, Local Storage, Authentication

Portfolio Website

- Showcased skills, projects, and certifications through an interactive and responsive portfolio. **Technologies used:** React.js, CSS, Flexbox