

LENKA PRASANTH KUMAR

Frontend / React Developer

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Summary

React Developer with 3.5+ years of experience building scalable, responsive web applications using React, Redux Toolkit, and modern JavaScript (ES6+). Experienced in API integration, performance optimization, unit testing with Jest, and deploying applications on AWS. Strong focus on clean code, usability, and maintainable UI architecture.

Skills

Frontend: HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript, React

State Management: Redux (Redux Toolkit)

Testing: React Testing Library, Jest

Tools: Parcel, Vite, Git, Postman

Backend & Databases: Node.js, Express.js and MongoDB (Mongoose)

Experience

Frontend Developer — Infosys

May 2022 – Present

Technologies:

React, Next.js, Shadcn UI, Node.js, Jest, Excel

- Implemented reusable React components using functional components and hooks (useState, useEffect, useMemo).
- Handled API integration using RESTful services and Axios/fetch with proper error handling.
- Increased frontend performance by **50%** by implementing lazy loading, code-splitting, and optimized component rendering.
- Worked closely with UI/UX designers and backend developers to ensure seamless frontend-backend integration and user-focused designs.
- Performed end-to-end unit and integration testing by designing and executing well-defined test scenarios and workflows, tracked through QTest, significantly reducing production defects.

Projects

Dev Connect | MERN

Live

- Designed and developed a social platform that enables developers to connect based on shared skills and interests.
- Enabled real-time chat supporting 1:1 messaging with low-latency updates using WebSockets.
- Built scalable RESTful APIs and managed application state using Redux for better performance and maintainability.
- Deployed and hosted the complete application on **AWS**, ensuring reliability, scalability, and production readiness.

Netflix GPT – AI-Powered Movie Recommendation App | React

Live

- Built using React and Redux for front-end functionality.
- Integrated **Gemini AI** API for GPT-based smart movie suggestions.
- Used Firebase for user authentication and data storage.
- Fetched real-time movie data from TMDB API to dynamically populate the homepage.

Certifications

- Infosys Certified React Professional
- Infosys Certified Node Professional
- Completed React Certification in NamasteDev.com

Education

NxtWave CCBP 4.0 — Intensive Training Program

2022

MERN Stack Developer

B.Sc. MPC

Graduated: 2020

Andhra University, Andhra Pradesh