

# SADHA SHIVAM PENDEM

Software Engineer | React.js | Next.js | TypeScript

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## PROFESSIONAL SUMMARY

Software Engineer with 3+ years of hands-on experience building web applications using **React.js, Next.js, and TypeScript**. Currently working at **Infosys** as Associate Consultant, developing user-friendly interfaces and working with cross-functional teams. Recognized as **Best Performer with Insta Award** for outstanding contributions. Skilled in creating reusable components, integrating APIs, managing application state with Redux, and writing clean, maintainable code.

## CORE COMPETENCIES

- React.js & Next.js Development
- JavaScript & TypeScript
- Responsive Web Design
- Redux State Management
- REST API Integration
- Performance Optimization
- Agile/Scrum Methodologies
- Unit Testing (Jest/Enzyme)
- Git & Code Reviews

## TECHNICAL SKILLS

**Frontend Technologies:** React.js, Next.js, Redux, Redux Toolkit, Context API, Material-UI, Tailwind CSS, Bootstrap

**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3

**Tools & Platforms:** Git, GitHub, GitLab, Bitbucket, VS Code, Figma, JIRA, Confluence, Postman

**Testing:** Jest, React Testing Library, Enzyme, ESLint, Prettier

**Other Skills:** Responsive Design, REST APIs, Agile/Scrum, Code Reviews, Problem Solving

## PROFESSIONAL EXPERIENCE

### Associate Consultant – Frontend Development

**Infosys Limited** | Hyderabad, India | *July 2024 – Present*

- Develop and maintain **web applications** using **React.js and Next.js** for multiple client projects
- Build **reusable React components** and **custom hooks** to maintain code consistency across applications
- Integrate **REST APIs** using Axios and manage application state with **Redux** for smooth data flow
- Implement **responsive designs** using **Material-UI and Bootstrap** ensuring cross-device compatibility
- Work closely with **backend developers, designers, and product managers** in agile sprints
- Participate in **code reviews** and help team members with React best practices and TypeScript
- Use **Git for version control** and collaborate through pull requests on GitHub/GitLab
- Write **clean, well-documented code** following best practices and coding standards
- Optimize **component rendering and application performance** using React best practices
- Debug and resolve frontend issues** reported by QA team to ensure smooth application performance
- Received **Best Performer Insta Award** for outstanding performance and commendable feedback from manager

### Software Engineer – Frontend Development

**Extended Web AppTech LLP** | Hyderabad, India | *March 2022 – February 2024*

- Developed **web applications** using **React.js, TypeScript, and Redux Toolkit** for various client projects
- Created **user interfaces** with Material-UI components following design specifications from designers
- Implemented **state management using Redux Toolkit** to handle complex application data

- Integrated **RESTful APIs** and handled API responses to display data in the user interface
- Wrote **unit tests using Jest and Enzyme** to test React components and ensure code quality
- Worked on making applications **responsive for mobile, tablet, and desktop** views
- Participated in **daily standups, sprint planning, and code reviews** following agile practices
- Collaborated with **backend team** to understand API requirements and ensure smooth integration
- Created **reusable components** and maintained component library for consistent UI across projects
- Used **Postman to test APIs** before integrating them into the frontend application
- Used **browser developer tools for debugging** JavaScript errors and fixing UI issues

## KEY PROJECTS

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### Developer Portal for API Gateway – McKesson

- Designed and developed a **centralized developer portal** enabling secure enterprise API discovery and management
- Integrated **Redocly** for dynamic, interactive API documentation with **versioning and endpoint-level details**
- Implemented **role-based access control**, API credential visibility, and environment-specific configurations
- Built **advanced usage analytics dashboards**, request logs, filters, and charts to monitor API consumption trends
- Focused on **performance optimization**, reusable component architecture, and scalable UI design using React, TypeScript, and Material-UI

### Digital Twin Application – Verizon

- Developed a **Digital Twin platform** simulating real-world telecom equipment and operational environments
- Built **interactive dashboards** displaying real-time equipment status, alerts, timelines, and performance metrics
- Integrated **API-driven and IoT data sources** to reflect live asset health, anomalies, and component-level insights
- Improved **observability and decision-making** through modular UI components and responsive visualizations

### Local Video on Demand (VOD) Platform – Saudi Arabia

- Worked as **Frontend React Developer** for a regional video streaming platform
- Built and optimized **reusable UI components** for video listing, playback, and content discovery screens
- Implemented **search, category filtering, and sorting** using Redux Toolkit for efficient state management
- Enhanced **performance and user experience** using memoization techniques in scroll- and data-heavy views

## EDUCATION

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### Bachelor of Technology in Mechanical Engineering

Jawaharlal Nehru Technological University Hyderabad (JNTUH) | Graduated: 2015 | 68%

## AWARDS & RECOGNITION

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- **Best Performer Insta Award** – Infosys Limited (2024) for exceptional performance and project contribution
- **Commendable Feedback from Manager** for consistent quality work, dedication, and proactive problem-solving

## ADDITIONAL INFORMATION

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- **Languages:** English (Professional), Telugu (Native), Hindi (Fluent)
- **Strong problem-solving skills** with ability to debug and fix issues efficiently
- **Actively learning and staying updated** with React features and frontend development trends