

# Manasa Bingi

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SUMMARY

Front-End Developer with 3+ years of experience building responsive web applications using **React.js**, **Next.js**, **JavaScript (ES6+)**, and **TypeScript**. Skilled in developing **reusable components**, **optimizing performance**, and ensuring **cross-browser accessibility**. Proficient in **Agile** teams with hands-on experience in **Redux**, **GraphQL**, and testing frameworks like Jest. Strong focus on clean, maintainable code and UI/UX best practices.

## WORK EXPERIENCE

### Software Engineer

ITalent Digital, Hyderabad | *March 2022 – Present*

- Developed enterprise-grade UIs for Cisco and Microsoft platforms using **React.js**, **Next.js**, **TypeScript**, **GraphQL**, and **Fluent UI**.
- Built **10+ reusable components**, reducing code duplication by **40%** and improving maintainability.
- Enhanced performance by optimizing **Webpack**, implementing **code-splitting**, and improving page load speed by **30%**.
- Managed state using **Redux**, **Context API**, and **React Query** for scalable and efficient application state handling.
- Transformed **Figma designs into responsive, pixel-perfect UIs**, improving user engagement and cross-device experience.
- Implemented **JWT-based authentication** with secure token storage, validation, and route protection for API communication.
- Created **accessible UI components** (A11Y score  $>95\%$ ) using **Flexbox**, **CSS Grid**, and **Framer Motion** for responsive, animated layouts.
- Improved rendering efficiency using **React Hooks**, **lazy loading**, and **memoization** techniques.
- Integrated **SQL-based APIs** to fetch paginated data and render dynamic content within UI components.
- Ensured **cross-browser compatibility** across Chrome, Firefox, Edge, and Safari for a consistent user experience.
- Wrote comprehensive **unit tests** using **React Testing Library** and **Jest**, improving code coverage and reliability.
- Contributed to **micro-frontend architecture**, enabling independent deployment and scalability of frontend modules across teams.
- Contributed to accessibility, performance, and usability of **Power Platform** and **Fabric Communities**.
- Used **Agile practices** with tools like **Jira**, **Azure DevOps**, **Git**, and **Bitbucket** for sprint management and version control.

## PROJECTS

Microsoft Communities (Power Platform, Fabric Communities) | ITalent Digital | *Dec 2022 – Present*

Contributed to the development and maintenance of Microsoft's community platforms supporting Power Platform and Fabric. Built and optimized interactive modules for galleries, group hubs, events, discussions, blogs, technical knowledge bases (TKBs), and forums to enhance user engagement and knowledge sharing. Ensured seamless data integration, responsive design, and adherence to accessibility standards, providing a consistent and user-friendly experience across the platform.

### **Cisco Communities | ITalent Digital | *March 2022 – Nov 2022***

Worked on Cisco's customer and partner community platform, focusing on enhancing modules for blogs, technical knowledge bases (TKBs), forums, and discussions. Developed dynamic, reusable components to display and manage community content efficiently. Ensured performance optimization, responsive UI design, and a consistent user experience across various devices while aligning with Cisco's brand and accessibility standards.

## **SKILLS**

**Frontend Technologies:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Bootstrap, Styled Components, Fluent UI, Micro Frontends, Freemarker, Khoros, Aurora.

**State Management:** Redux, Context API, React Query

**API & Data Handling:** REST APIs, GraphQL, Axios, Fetch API, SQL, JWT, Pagination

**Testing & Debugging:** Jest, React Testing Library, Lighthouse, Browser DevTools

**Build & Deployment Tools:** Webpack, Babel, Azure DevOps, GitHub Actions

**Version Control & Collaboration:** Git, GitHub, BitBucket, Jira

**AI Tools:** ChatGPT, Prompt Engineering, GitHub Copilot

## **EDUCATION**

**B.Sc. in Computer Science**

**Satavahana University, Karimnagar, Telangana | *July 2018 – Aug 2021***

- **CGPA: 9.8/10**

## **CERTIFICATIONS**

**Microsoft Certified: Azure Fundamentals**

[Certification Link](#)

## **LANGUAGES**

- English, Hindi, Telugu