**Bhagyashri Ikale**

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💬 English, Hindi ,Marathi

Senior **Frontend Developer** with **7+ years** of expertise in **React.js, Next.js, Angular, and TypeScript**, specializing in building **high-performance, scalable web and mobile applications**. Proven track record in **migrating legacy systems (Angular to React/Next.js)**, optimizing performance, and leading cross-functional teams. Strong experience in **state management (Redux, NgRx), SSR (Next.js), REST/GraphQL APIs, and CI/CD pipelines**. Passionate about **clean code, UX optimization, and mentoring junior developers**.

# TECHNICAL SKILLS

# ✔ **Frontend:** React.js, Next.js (13/14), Angular (7+), TypeScript, JavaScript (ES6+), HTML5, CSS3 ✔ **Styling:** Tailwind CSS, Material UI, Bootstrap ✔ **State Management:** Redux, NgRx, Context API, Zustand ✔ **Backend Integration:** RESTful APIs, GraphQL, Axios, Next.js API Routes ✔ **Performance:** Next.js ISR/SSR, React.memo, Lazy Loading ✔ **Testing:** Jest, React Testing Library ✔ **Tools:** Git,Webpack, Docker, Postman, AWS ✔ **Frameworks:** Ionic (Capacitor), Spring Boot (Basic)

# EXPERIENCE

**Sr. Software Engineer @ Mastek | Mumbai, MH - IN (Hybrid Mode) August’21 - Present**

* Spearheaded the **migration from Angular to React**, enhancing performance by **30%** using **React.memo** and optimized state management.
* Developed and maintained **scalable React applications**, implementing **custom reusable components**, **React hooks**, and **functional components** for modular project organization.
* Designed and optimized **Redux & Context API-based state management**, reducing unnecessary re-renders and improving application performance.
* Enhanced **user experience** by creating responsive UI elements using **Material UI, Tailwind CSS, and CSS**, improving Lighthouse scores by **40%**.
* Built **Next.js applications** with **TypeScript & Tailwind CSS**, utilizing **Incremental Static Regeneration (ISR)** for efficient content updates and SEO optimization.
* Created **custom form validation** with Formik to streamline user input handling and improve data integrity.
* Implemented **role-based access control (RBAC)** and **infinite scroll functionality**, ensuring seamless UX and secure authentication.

**Software Developer @ Rupeeseed Technology Ventures pvt. Ltd. | Mumbai, MH - IN August’17 - July’21**

* Developed **Angular applications** leveraging **RxJS Observables**, **JWT Authentication**, and **HTTP Interceptors**, enhancing security, performance, and efficient data flow.
* Implemented **Lazy Loading modules** in Angular, reducing initial bundle size and improving application load time by **40%**.
* Integrated **Firebase for real-time notifications** and **Bootstrap** for UI components, increasing user engagement by **35%**.
* Designed and developed **authentication mechanisms** using **Angular Guards**, ensuring secure user access and authorization control.
* Optimized **Angular forms using Reactive Forms**, handling complex validation logic and dynamic field updates efficiently.
* Built and consumed **RESTful APIs** using **Spring Boot**, implementing **RSA encryption** for secure financial transactions and sensitive data handling.
* Integrated **WebSockets for real-time data updates**, ensuring seamless user interactions in financial platforms.

# PROJECTS

# Wholesale Portal (React.js + Angular)

# Led migration of existing Angular components to React, ensuring seamless integration and simultaneous execution using cookies.

# Optimized performance using **React.memo** and **useMemo**, reducing unnecessary re-renders and improving efficiency.

# Built **custom form validation** with Formik to enhance user input handling.

# Developed **reusable components and custom hooks** for efficient data fetching and state management.

# Designed a **responsive UI** using **Material UI**, implementing **infinite scroll search functionality** for improved UX.

# Implemented **role-based user authentication & permissions**, ensuring secure access control.

# ****Online Returns App (React.js + Ionic - Capacitor)****

# Developed a **React.js + Ionic (Capacitor) Mobile App**, leveraging **Redux** for centralized state management.

# Integrated **Axios for API communication**, improving data handling efficiency.

# Implemented **offline scanning**, **indexedDB** for local storage, and generated **tab-based navigation** to enhance mobile usability.

# **Web Development Projects**

# Trading Sites (Tata Capital Moneyfy, Reliance Smart Money, YES Invest Trading Platform)

# Built **dynamic web applications** using **Angular 7/9**, integrating **observables, services, HTTP methods**, and **Angular Material** for rich UI experiences.

# Developed **secure authentication** systems using **JWT & auth guards**, ensuring data protection.

# Created and integrated **RESTful APIs using Spring Boot**, implementing **RSA encryption** for secure transactions.

# Integrated **Firebase for real-time notifications**, improving user engagement and responsiveness.

# Developed **mobile-responsive UI components** using Angular, Bootstrap, and custom CSS.

# ****Demo Next.js App (Next.js 13/14, TypeScript, Tailwind CSS, Prisma, PostgreSQL)****

# Created **custom hooks** for optimized **data fetching & state management**.

# Implemented **next/image for performance optimization**, enhancing image loading speeds.

# Developed **authentication system with NextAuth.js**, ensuring secure user logins.

# Integrated **ISR (Incremental Static Regeneration)** for dynamic content updates, balancing performance and real-time data delivery.

# ACHIEVEMENTS & RECOGNITION

“**Sword**” Appreciation for Storepick Project. “**Bravo Appreciation**” for Wholesale Project.

# EDUCATION

Bachelor of Science (Information Technology) - University of Mumbai. CGPA: **6.43/7** (2013 - 2016)