Manali Bhavsar

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SUMMARY

Goal-oriented **Front-End Developer** with 3+ years of experience building scalable, high-performance web applications. Passionate about performance optimization, accessibility, and responsive design. Proficient in modern **JavaScript, TypeScript, React, Tailwind CSS, Jest, and RESTful APIs**. Skilled at mentoring junior developers, optimizing code for faster rendering, and collaborating with cross-functional teams to create seamless user experiences.

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL
Front-End: React.JS, Next.JS, Redux, Context API, Zustand, Tailwind CSS, HTML, CSS
Performance and Optimization: Performance Tuning, Accessibility, RESTful APIs
Version Control and Build Tools: Git, GitHub, Webpack, Babel, Vite
Testing and Debugging: Jest, React Testing Library, Cypress, Lighthouse
Tools and Platforms: Vercel, Firebase, Netlify, JIRA, Smartsheet, Figma, Adobe XD
Databases and OS: MongoDB, MySQL, Windows

WORK EXPERIENCE

Front-End Developer August 2021 – Present
Tata Consultancy Services – Pfizer Inc. *Pune, Maharashtra*

- Developed **15+** high-performance websites for Pfizer, ensuring smooth deployment across US and Canada.
- Optimized **React.js sites** with refactored components and lazy loading, reducing load time by **30%**.
- Enhanced system stability by implementing **performance monitoring and proactive debugging.**
- Strengthened security by developing a **PoC** with GitHooks and Gitleaks, reducing vulnerabilities by **50%**.
- Delivered **2 critical projects** under tight deadlines, earning client recognition.
- Led on/offboarding for **50+ Pfizer associates**, ensuring smooth transitions and security compliance.

Full Stack Engineer (.NET) – Intern January 2021 – June 2021
Cognizant Technology Solutions *Remote*

- Engineered an **Electricity Bill Automation system** (C#, MySQL), cutting manual effort by **60%** and boosting accuracy by **90%**.
- Developed a **Bowler Performance Tracking app** (ASP.NET MVC) with **95%** data accuracy.

PROJECTS

Portfolio | *React.JS, Tailwind CSS, TypeScript, Vite* November 2024 – December 2024

- Developed a **high-performance, responsive** portfolio with React.js and Tailwind CSS.
- Achieved **95%** Lighthouse scores, cutting load time by **40%** for seamless UX.
- Enhanced interactivity with **Framer Motion** animations for smooth navigation.

Covid Trace Detector | *React.JS, Face API, Node.JS, MongoDB* September 2020 – November 2020

- Engineered a **COVID-19 contact tracing system** using face recognition and Aadhar-linked identity.
- Integrated **Face API** for real-time detection and secure movement tracking.
- Published in Bioscience Biotechnology Research Communications (**BBRC**), New Delhi.

Voice Book Finder | *Python, Tkinter, Speech Recognition, MySQL* August 2019 – October 2019

- Built a **voice-enabled** library system to search, issue, and manage books.
- Implemented **MySQL-backed** user authentication for book tracking and CRUD operations.
- Designed an interactive Tkinter GUI, with **SMTP** for automated email notifications.

EDUCATION

Rashtrasant Tukadoji Maharaj Nagpur University August 2017 – June 2021
Bachelor's of Engineering - Computer Science - CGPA: 9.34 *Nagpur, Maharashtra*

Shivaji Science College August 2015 – May 2017
Higher Secondary Education - Science - 95.85% *Nagpur, Maharashtra*

ACHIEVEMENTS and CERTIFICATIONS

- **Microsoft Certified: Azure AI Fundamentals** – Expertise in cloud AI for scalable web apps.
- **'On the Spot Award'** – Recognized at TCS for outstanding contributions.

LEADERSHIP EXPERIENCE

Tata Consultancy Services – Mentorship

- Guided **5+ new joiners** with project support, ensuring smooth onboarding and enhanced team productivity.