

Tushar Surve

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WORK EXPERIENCE

Frontend Developer

August 2021 – Present

Tata Consultancy Services - Pfizer Inc. (xfn)

Pune, Maharashtra

- Engineered high-quality, robust production code for **12+** projects for Pfizer Inc. (US & Canada Markets).
- Deployed new sites using Vue.js & React.JS frameworks, resulting in an estimated **35% increase** in performance.
- Coordinated the engineering department through close collaboration, knowledge shares, and mentorship in **4 projects**.
- Created **2 computer vision PIs**, automating Pfizer's onboarding process, **reducing manual work by 60%**, and another for image lossless compression, cutting site load time by **by 10%**.
- Spearheaded **3 POCs** in Vue.JS and React.JS in 2021-23.

Python Developer Intern

January 2020 – March 2020

Weoto Techlabs

Nashik, Maharashtra

- Led a team of four in designing and building an organization-wide (**50 employees**) attendance system based on facial recognition.
- Designed and implemented a MongoDB-based interface to efficiently collect, process, and store facial data with model accuracy of **99.38%**, ensuring data integrity and security.
- The Project has been prevailing in GESCOE **since 4 years**.

TECHNICAL SKILLS

Languages: JavaScript(ES6+), TypeScript, Python, SQL, HTML/CSS

Frameworks: React.JS, Next.JS, Electron.JS, Tailwind CSS

Web Development: TypeScript, Zod, Zustand, Redux, Context API

Bundling and Build Tools: Webpack, Babel

Testing and Code Quality: Jest, Enzyme

Version Control and Project Management: Git, Github, JIRA, Notion, Smartsheet

Database and OS: MongoDB, MySQL, SQLite, Windows

PROJECT EXPERIENCE

Blogger | *Next.JS, Tailwind CSS, Kinde, Prisma, SQLite, TypeScript*

May 2024 – June 2024

- Developed a blog website using Next.js with Server Components and Server Actions.
- Utilized Kinde for authentication and Tailwind CSS for styling, reducing CSS file size **by 60%**.
- Integrated SQLite with Prisma and coded the project in TypeScript.

Portfolio | *React.JS, Vite, TypeScript, Tailwind CSS*

March 2024 – May 2024

- Developed a responsive portfolio website, showcasing projects with smooth navigation and dynamic content.
- Achieved **over 95%** in both performance and accessibility scores through optimized coding practices and adherence to web standards.
- Ensured cross-browser compatibility to deliver a consistent experience on all major browsers.

Foodie | *TensorFlow, Python, Flask, Flutter, MongoDB*

September 2020 – March 2021

- Built an DL-based mobile application for Food Image Recognition with Search Functionality for **100 food items**.
- Evaluated the outcomes for **50+ users**.
- Processed and trained a dataset of **50,000+ images** for **more than 10 categories**.

EDUCATION

Savitribai Phule Pune University

Nashik, Maharashtra

R.H. Sapat College of Engineering

August 2017 – June 2021

Bachelor's of Engineering, Computer Science - 8.95 CGPA

LEADERSHIP EXPERIENCE

Training and Mentorship

Tata Consultancy Services

- Mentored **6 new joiners**, providing guidance and support to navigate project challenges, leading to an increase in understanding of project flow.

Event Coordinator

Tata Consultancy Services

- Organized an office retreat for **30 employees**, including planning accommodations, transportation, activities, and meals.