

# 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, 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, JSON, GA*

March 2024 – May 2024

- Built a portfolio website showcasing projects in 3 categories.
- Incorporated GitHub Actions for continuous integration and deployment, ensuring efficient project updates.
- Implemented responsive design principles for optimal viewing on various devices.

**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

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### **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.