

# Tushar Surve

+91 9130 51 3098 | ttusharsurve567@gmail.com | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Kaggle](#) | India

## PROFESSIONAL SUMMARY

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Experienced Software Developer specializing in React.JS for UI development and adept in data analysis with SQL, Tableau, Python, Pandas, and Numpy. Skilled in leading technical projects, mentoring junior developers, and thriving in Agile environments.

## WORK EXPERIENCE

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### Software Developer

August 2021 – Present

*Tata Consultancy Services - Pfizer Inc. (xfn)*

*Pune, Maharashtra*

- Deliver high-quality, robust production code for a diverse array of projects for Pfizer Inc.
- Initiated development of a new site using Vue.js framework, which has resulted in an estimated **35% increase** in performance.
- Provide leadership within the engineering department through close collaboration, knowledge shares, and mentorship
- Designed and maintained Canada LATAM APAC and new drug launch sites.
- 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 **around 8-10%**.
- Developed **3 POCs** in Vue.JS and React.JS in 2021-23.

### Flutter Developer Intern

June 2021 – August 2021

*FroshLink*

*Remote*

- Collaborated with a multidisciplinary team of interns, designers, project managers, and engineers on various projects, including creating new brands, design systems, and applications for the organization.
- Built and tested a mobile application for educational communication and online learning for more than **4000+ student users**.
- Engineered and improved major features of FroshLink's customer-facing Android & iOS cross-platform app using Flutter, and Dart.
- Contributed to Post-Deployment Support and Maintenance.

### Python Developer Intern

January 2020 – March 2020

*Weeto Techlabs*

*Nashik, Maharashtra*

- Led a team of four in designing and building an organization-wide attendance system based on facial recognition
- Designed and implemented a MongoDB-based interface to efficiently collect, process, and store facial data, ensuring data integrity and security.
- The Project is been prevailing in GESCOE **since four years**.

## PROJECT EXPERIENCE

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### Portfolio | *React.JS, JSON, GA*

March 2024 – May 2024

- Developed a portfolio website showcasing projects in web development, data analysis, and computer vision.
- Incorporated GitHub Actions for continuous integration and deployment, ensuring efficient project updates.
- Implemented responsive design principles for optimal viewing on various devices.

### Record of Service | *React.JS, Electron.JS, SQL*

September 2023 – December 2023

- Developed and implemented an efficient data entry desktop application using React.js, capable of **handling millions of data entries**.

### GPT Detector | *React.JS, OpenAI API*

May 2023 – June 2023

- Designed and deployed a ChatGPT plagiarism detector using React.JS, resulting in a **95% accuracy rate** in identifying copied content.

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

September 2020 – March 2021

- Built an DL-based mobile application for Food Image Recognition with Search Functionality
- Evaluated the outcomes for **50+ users**.
- Pre-processed and trained **20000+ image dataset** for **more than 20 categories**.

### QRShop | *PyQT, Python, Java, Android*

September 2019 – November 2019

- Programmed a Desktop and Mobile Application for a Supermarket with a rush of **400+ people daily**.
- Streamlined checkout process, resulting in a **30% reduction** in overall checkout time for customers.

## EDUCATION

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### Scaler

*Specialized in Data Science and Machine Learning*

Remote

*July 2023 – Present*

### Savitribai Phule Pune University

*Bachelor's of Engineering - Computer Science*

Nashik, Maharashtra

*August 2017 – June 2021*

### Kendriya Vidyalaya India Security Press

*Higher Secondary Education - Science*

Nashik, Maharashtra

*July 2015 – June 2017*

## LEADERSHIP EXPERIENCE

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### Training and Mentorship

May 2022 – Present

*Tata Consultancy Services*

- Mentored new joiners, providing guidance and support to help them navigate project challenges, which leads to an increase in their understanding of project flow.

### Event Coordinator

Dec 2023 – Feb 2024

*Tata Consultancy Services*

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

### Vice President of Ignitra Association

Feb 2018 – Feb 2019

*GESCOE*

- Organized two college festivals for **250+ audiences**.
- Mentored a team of **20 students**.

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, Python

**Python Libraries:** OpenCV, Pandas, Numpy, Matplotlib

**Web Development:** React.JS, Vue.JS, HUGO, JavaScript/JQuery, HTML, CSS

**Database Management:** SQL, MongoDB

**Data Visualization:** Tableau

**Version Control:** Git, GitHub, GitHub Actions

**Project Management Tools:** JIRA, Notion, Smartsheet

**Microsoft Office Suite:** Excel

## HOBBIES & INTERESTS

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- Book Reading
- Chess
- Photography/Video Editing