

Tushar Surve

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PROFESSIONAL SUMMARY

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

Software Developer

August 2021 – Present

Tata Consultancy Services - Pfizer Inc. (xfn)

Pune, Maharashtra

- Initiated development of a new site using Vue.js framework, which has resulted in an estimated **50% increase** in performance.
- Developed a PI with form recognition (computer vision) to automate on/off boarding processes, resulting in a **60% reduction in manual work**.
- Designed and maintained Canada LATAM APAC and new drug launch sites.
- Created image optimization PI using computer vision with lossless compression, **reducing site load time by 15%** through extension enhancement.
- Developed **3 POCs** in Vue.JS and React.JS in 2021-23.

Flutter Developer Intern

June 2021 – August 2021

FroshLink

Remote

- Built and tested a mobile application for educational communication and online learning for more than **4000+ student users**.
- Contributed to Post-Deployment Support and Maintenance.
- Build and maintain software documentation sites.

Python Developer Intern

January 2020 – March 2020

Weoto Techlabs

Nashik, Maharashtra

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

PROJECT EXPERIENCE

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

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

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

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

- Book Reading
- Chess
- Photography/Video Editing