

# Surya Kannan Kumbhar

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## EDUCATION

### ANNA UNIVERSITY

#### BE IN COMPUTER SCIENCE

2020-24 | Chennai, TN

Nehru Institute of Engineering  
and Technology, Coimbatore, TN

Last Sem GPA: 8.3/10

### KENDRIYA VIDYALAYA

HSC | Apr 2020

Gujarat, India

### KENDRIYA VIDYALAYA

SSC | Apr 2017

Gujarat, India

## LINKS

Github: [suryakannankumbhar](#)

LinkedIn: [suryakannankumbhar](#)

Portfolio: [suryakannankumbhar](#)

## SKILLS

### Programming

- JavaScript | TypeScript
- C++ | Python

### Frameworks:

- Playwright | JMeter
- ReactJS | React Native
- TailwindCSS | BootstrapCSS

### Familiar:

- Git | SQL
- NodeJS

## CERTIFICATIONS

- Blockchain and its Applications  
NPTEL, IIT Kharagpur, Apr 2024
- AI-ML Virtual Internship  
AICTE - EduSkills, Nov 2023
- ReactJS  
NullClass, Jan 2023

## COURSEWORK

- Object Oriented Programming
- Database Management System

## EXPERIENCE

### TATA CONSULTANCY SERVICES (TCS)

Apr 2025 - Present

#### Software Development Engineer in Test (SDET)

- Developed and maintained automated End-to-End (E2E) test scripts using **Playwright**, expanding test coverage for critical business workflows to reduce manual regression efforts.
- Executed performance and load testing on high-traffic modules using **Apache JMeter**, analyzing results to assist the team in identifying and resolving latency bottlenecks.
- Utilized **Pytest** for supplementary backend verification, executing test scripts to ensure data consistency and validate basic API logic.
- Performed rigorous cross-browser compatibility testing across Chrome, Firefox, and Edge to ensure consistent application behavior and visual fidelity.
- Collaborated with the DevOps team to monitor automated test suites within the CI/CD pipeline, ensuring immediate feedback loops for new deployments.

### TATA CONSULTANCY SERVICES (TCS)

Nov 2024 - Mar 2025

#### Front End React Developer

- Built responsive Single Page Applications (SPAs) using **React.js** and **Redux Toolkit**, implementing efficient state management for seamless user interactions.
- Created reusable, modular components to standardize UI elements across the application, helping to reduce code redundancy and speed up development.
- Integrated RESTful APIs with asynchronous data handling (using Axios) to ensure accurate real-time data synchronization.
- Collaborated in an Agile environment using **Git** for version control, managing feature branches and participating in code reviews to maintain code integrity.

## PROJECTS

### FOODY BUDDY

Mar 2024 - May 2024

#### Live Project | GitHub

- Built a cross-platform mobile app using **React Native** and **Google Firestore** for secure authentication and real-time data synchronization.
- Engineered a comprehensive food tracking module to calculate and store macronutrient data (proteins, carbs, fats), enabling users to monitor daily dietary goals.
- Implemented an AI-driven recommendation engine by creating user embeddings based on health metrics (height, weight) and dietary preferences.
- Integrated IoT device connectivity to monitor live heart rate and steps, facilitating automated calorie tracking and macro analysis.
- Hosted on **Netlify** | **Tech-Stack**: React Native, Google Firebase, Node

### PERSONAL PORTFOLIO WEBSITE

Dec 2020 - Present

#### Live Project | GitHub

- Refactored legacy code into a scalable **React.js** component architecture, significantly improving maintainability and load performance.
- Designed a fully responsive UI using pure **CSS3** (Flexbox/Grid) without reliance on external styling frameworks.
- Deployed on **Netlify** with automated CI/CD pipelines connected to GitHub for instant updates.
- Hosted on **Netlify** | **Tech-Stack**: React.js, CSS3, JavaScript