# 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

### FPL GURU — Nov 2025 - Present
Live Project | GitHub
- Engineered a **Generative AI Agent** using **Google Gemini 3 Flash** and **Node.js** to autonomously analyze live FPL statistics and generate instant, data-driven scouting reports.
- Architected a full-stack system on **Render**, integrating reverse-engineered FPL APIs to dynamically feed real-time player context into the AI model for accurate decision-making.
- Designed a high-performance **React** interface with custom **CSS3** visualizations, optimizing data retrieval speeds for a seamless mobile-first user experience.
- **Tech-Stack:** React.js, Node.js, Express, Google Gemini 3 Flash, Render

### 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