

# Sanjay Goraniya

Software Engineer

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## Profile Summary

Experienced Software Engineer specialising in building scalable web applications using modern JavaScript frameworks and backend technologies. Skilled at collaborating closely with stakeholders to deliver user-centric solutions that enhance performance and reliability. Strong background in React.js, Node.js, TypeScript, and database design, complemented by hands-on experience with AWS cloud services and real-time data visualisation.

Known for mentoring junior developers and leading technical discussions, I bring both technical depth and a strategic approach to problem-solving. Passionate about continuous learning, currently exploring machine learning and AI applications within web platforms.

## Technical Skills

**Frontend:** React.js, Redux, Next.js, Tailwind CSS, Bootstrap, Material UI

**Backend:** Node.js, Express.js, PHP, GraphQL, REST APIs

**DevOps & Tools:** AWS (Amplify, S3), Docker, Git, Nginx, Postman

**Databases:** PostgreSQL, MongoDB, MySQL, DynamoDB, Kinetica DB

**Others :** WebGL, Socket.IO, Firebase, Electron.js, D3.js

## Work Experience

**Software Engineer @ Tech Mahindra (Mahindra Racing Formula E)** - *Banbury, England, United Kingdom*

Jan 2024 - Present

- Built complex React components, including a high-performance chart using WebGL for telemetry data.
- Published an internal npm package to share reusable UI components across teams.
- Developed a desktop analytics app with Electron.js and React for real-time querying of Kinetica DB.
- Led implementation of the TPMS, delivering real-time alerts that enhanced race safety and strategy.
- Optimised existing modules, achieving a 50% boost in execution speed and responsiveness.

**Freelance Full Stack Developer** - *Remote*

Aug 2022 - Dec 2023

- Delivered tailored web solutions to clients across e-commerce, education, and analytics sectors.
- Designed and developed full-stack applications using React.js, Node.js, and PostgreSQL.
- Worked closely with clients to gather requirements, propose solutions, and deploy projects.
- Delivered maintenance, enhancements, and performance tuning to ensure optimal user experience.

## Senior Full Stack Developer @ Stack Summation - Ahmedabad, GJ

May 2021 - Jul 2022

- Led full-stack project development from inception to deployment, mentoring junior developers and delivering robust applications that reduced development time by 30%.

## Software Engineer @ TechiTTree - Ahmedabad, GJ

Nov 2019 - Apr 2021

- Designed and maintained high-performance Node.js and PHP applications, collaborating with project managers to deliver efficient, reliable solutions and optimise backend processes.

## Node JS Developer @ AIS Technolabs Pvt Ltd - Ahmedabad, GJ

Apr 2019 - Oct 2019

## PHP Developer @ Prompt Web Solution - Ahmedabad, GJ (Remote)

Aug 2017 - Mar 2019

## Project Gallery

### Rubicon - Sports Technology

A real-time race decision support system in motor racing, providing instant telemetry for strategic decisions.

### SSN Kinetica Desktop App - Analytics: Sports Technology

Reads SSN data from Kinetica and delivers interactive visualizations to explore and analyze vehicle data.

### Aanch Food Bazaar @ [aanchfoodbazaar.com](https://aanchfoodbazaar.com) - E-commerce: Food Delivery

A food delivery platform with a shopping cart, order history, real-time tracking, and food category filtering.

### FutureFit AI @ [futurefit.ai](https://futurefit.ai) - Career Technology

Enables resume uploads for career recommendations, featuring assessments, job matching, and advice.

### ReadyForWork @ [readyforwork.africa](https://readyforwork.africa) - EdTech (Educational Technology)

A platform to create online courses, supporting enrollment, course management, payments, and submissions.

### CSGO Club - Gaming and Entertainment

Web-based gaming platform with Blackjack, Crash, leaderboards, virtual currency, and real-time gameplay.

## Education Journey

### Bachelor of Computer Applications @ Bhakta Kavi Narsinh Mehta University - Junagadh, GJ

Jul 2016 - Mar 2019

### Certified Software Programmer @ Institute of Advance Network Technology - Junagadh, GJ

Jun 2016 - Jul 2017

## Interests

TensorFlow, Go Lang, Technology and Programming, Machine Learning, Artificial Intelligence, Deno