

Sanjay Gautam

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Summary

A **Software Developer** with nearly 5 years of expertise in frontend technologies like **React and Next.js**, and **backend technologies including Node.js, Express, MongoDB, and GraphQL**. Strong foundation in data structures, algorithms, and problem-solving, with an understanding of system design principles. Adept at building scalable and efficient applications. Additionally, as a competitive programmer, I have participated in **TCS Top Coder** 🏆 secured Rank 23rd/2,00,000

Education

SGSITS, Indore

BE in Computer Science

April 2016 – Sept 2020

- **Coursework:** Data Structure & Algorithm, Object Oriented Programming, Operating System, Computer Network, Database Management

Experience

Frontend Developer

TCS (Tata Consultancy Services)

Bangalore, IN

Oct 2020 – May 2024

- Develop **micro-frontend** architecture, using **React**, and **web-component** with vanilla **Javascript** for building UI and **Redux** for data management, **Azure CICD** pipeline for deployment of features.
- Optimized application: **+18%** conversion rate, **+22%** adoption rate.

Software Engineer

Capgemini

Bangalore, IN

June 2024 – Present

- Develop VS Code extensions for Mercedes-Benz Operating System (MB.OS) using **Node.js**, **React**, and **TypeScript** to enhance embedded systems workflows.
- Developing an MB.OS Docs solution using **Next.js** for the frontend and **Sanity CMS**, implementing role-based access control for document restrictions.

Projects

Streaming Application

Deployed 🏠 Github 🏠

- Used **React**, **JSX**, and **Tailwind** for UI. **Redux** for data management; and utilized the **YouTube Iframe API** for the player. Also, I fetched movie data from the **TMDB Movies API**.

E-commerce app

Deployed 🏠 Github 🏠

- Develop UI with **NextJS**, **React**, **Javascript**, **Typescript**, **tailwind css** and modular CSS and java Rest API.
- Used **flex and grid layout** for rendering products and **SSR(Server side rendering)** for better SEO.

Technologies

Frontend: React, Typescript, react-router-dom, NextJS framework, Solid JS, JSON, JavaScript, CSS3, Material UI, Flexbox and Grid Layout, Tailwind, Redux, Bootstrap 4, Web-components, Lit-html, Lit-elements

Backend: Node JS, Rest API, Socket IO, Express JS, Java, Ajax, GraphQL

Tools: Git, Storybook, Eslint and Prettier, Webpack and Parcel Bundler, Jest, Mocha (Unit Testing), Chrome DevTools (debugging), VS Code (Faster Development)

Awards and achievements

TCS Top Coder 🏠	23 rd /2,00,000	2023
ACCIO-WARS Coding Competition 🏠	1036 th /11,000	2022
Google KickStart Round-E 🏠	4325 th /9000	2020
TCS Codevita Season-8 🏠	2,861 th /55,654	2019

Certification and social profile

Microsoft AZ-900 Certified 🏠

Hackerrank profile 🏠

Leetcode profile 🏠

Appreciation ING Bank 🏠