N P SOORAJ

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Education

SJB Institute Of Technology,India **2022 - 2025**

- Branch : **CSE** | CGPA: **8.68**

Narayana PU College,India **2020 - 2021**

- *PU (Class XII), Aggregate:**96.5***

St Mary's High School,India **2018 - 2019**

- *SSLC(Class X), Aggregate:**90.88***

Skills

| React.js | Redux.js | Tailwind CSS | Javascript | Jest | Firebase | Integrating API's | Docker | CI/CD | AWS ec2 | HTML5 | CSS3 | Node.js | Express.js | SQL | MongoDB | Framer Motion | Java |

Projects

My-youtube (A video streaming app) my-youtube

*My-YouTube is a video streaming app built with **YouTube V3 APIs**, featuring **fast search, live chat, n-level nested comments,** and **performance optimizations.***

- Implemented **debouncing** for search APIs and **cached** results, reducing load time by **100ms**.
- Developed live chat using **API polling** and implemented **n-level nested comments** like Reddit through **recursion**.

My-netflix (A OTT platform) my-netflix

*A Netflix-like OTT platform built with **React**, **TMDB APIs** for movie data, and **Firebase** for user authentication*

- Implemented Firebase's **sign-in, sign-up, and sign-out APIs** for seamless user authentication, with **user data** stored in **Redux state.**
- Implemented **multilingual support** in the search bar and used **memoization** to prevent unnecessary API calls, enhancing **overall app performance.**

Foodie-App (A food ordering app) foodie-app

*Created 'Foodie App,' a food ordering platform using **Swiggy's live APIs**, featuring real-time restaurant data and **cart management***

- Implemented **dynamic UI** rendering based on live APIs and integrated a cart system using **Redux** for state management.
- Utilized **lazy loading** for dynamic module imports, significantly reducing the **app's load time**.

Automated the deployment repo

- **Dockerized** the Java Maven app by creating a **Dockerfile** and successfully pushed it to the **Docker repository**.
- Established **CI/CD** automation with **Jenkins** to deploy the app on an **AWS EC2 instance**, streamlining the deployment process