Mohan Sai Potla

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EXPERIENCE

Gnani Innovations Pvt Ltd (Gnani.ai)   Aug 2024 - Present
Frontend Developer   *Bangalore, India*
- Built **React and Next.js** based web applications using semantic **HTML5**, **JavaScript**, **TypeScript**, **ReactJS**, **React-Query**, and **Material UI**, compiled with **Vite** for optimized performance.
- Developed real-time features with **WebSockets**, ensuring seamless live data updates and improved user experience.
- Efficiently handled large data sets by implementing **UI rendering optimizations**, lazy loading, pagination, memoization, debouncing, and other frontend performance techniques to ensure **smooth user experience**.
- **Collaborated** closely with **backend developers** and **UI/UX designers** to align on **API integration**, **design consistency**, **feature requirements**, and deliver seamless, user-centric experiences across the application.
- Promoted better component lifecycle practices and also responsible for integrating third-party **React libraries** like **Recharts, TanStack Table, Redux Toolkit, d-3 cloud, Zod, nano-id, ESLint, wavesurfer, KeyCloak etc**.
- Worked with **QA teams** to validate features, **fix bugs**, and ensure **cross-browser compatibility**, **accessibility** (a11y), **SSR** support, and strong **Lighthouse scores**, while contributing to **CI/CD** pipelines and **Docker**-based deployments.
- Followed **Agile methodologies** throughout the Software Development Life Cycle, actively participating in **Scrum** ceremonies such as **daily stand-ups**, **sprint planning**, **reviews**, and **retrospectives** to ensure continuous **delivery** and **collaboration**.
- **Tech Stack used:** React, Next.js, TypeScript, Javascript, WebSockets, Material UI, Redux, KeyCloak and React-Query

Tata Consultancy Services Pvt Ltd (TCS)   Dec 2021 - Aug 2024
Junior Frontend Developer   *Bangalore, India*
- **Developed** a responsive **React-based web application** using semantic **HTML5**, modern **JavaScript**, **ReactJS**, and **Tailwind CSS**, with optimized builds via **Webpack** and comprehensive **unit testing** to ensure end-to-end **functionality** and **performance**.
- Collaborated with **senior team** members to upgrade the website in line with evolving **industry standards**, incorporating **modern** UI/UX **improvements** and **SEO** best practices to enhance **performance**, **accessibility**, and **search engine visibility**.
- Developed and tested the user interface, **fixed UI-related issues** using React.js, and optimized the code using **React Hooks.**
- Actively followed Agile and leveraging **Jira** for efficient **task management**, progress tracking, and cross-functional collaboration.
- **Tech Stack used:** React, Javascript, HTML5, Tailwind CSS, Redux, GraphQL, Swagger API, Jest and React TestingLibrary

TECHNICAL SKILLS

Programming Languages: JavaScript, Java, Python, C, C++
Libraries and Frameworks: React, Typescript, NextJs, HTML, CSS, Redux, Material UI,React-Query, Node.js, Express.js, SQL, MongoDB
CS fundamentals: Data Structures and Algorithms, Database Management System, Operating System, OOPs
Developer Tools: VS Code, Cursor AI, IntelliJ, Postman, Docker, Grafana, Eclipse, Git, Github, Gitlab & Jira

PROJECTS

ASSIST365 | *React.js, TypeScript, JavaScript, Material UI, React-Query, WebSockets, Redux, Jest, ESLint, Axios, KeyCloak*
- An **AI-powered real-time agent assist platform** designed to enhance call center efficiency by reducing AHT, onboarding time, and improving agent performance. Delivered to clients like Maximus and Horsepower.
- Built reusable frontend components and contributed to key feature implementations to improve agent workflows.

AURA365 | *React.js, TypeScript, JavaScript, Material UI, React-Query, Redux, Recharts, Jest, WordCloud, KeyCloak*
- An **LLM-enabled speech analytics and insights platform** offering compliance tracking, sentiment analysis, and detailed interaction dashboards. Used by Maximus, Horsepower, and IDFC First Bank.
- Implemented reusable dashboard components and contributed to features like report downloads and data visualizations.

INYA.AI | *React.js, TypeScript, JavaScript, Material UI, React-Query, Redux, Next.js, WebSockets, Wavesurfer*
- A **no-code Agentic AI platform** that enables the creation and deployment of GenAI-powered agents for customer service, HR, sales, support, and feedback workflows across 25+ global and Indic languages.
- Developed multiple reusable UI components and feature modules to support scalable customization of agents.

EDUCATION

Scaler Academy   *2023 - 2025*
Specialization in Software Development and Problem Solving

Jawaharlal Nehru Technological University, Anantapur   *2021 - 2023*
Master of Technology   CGPA 9.0

Sri Venkateswara University, Tirupati   *2017 - 2020*
Bachelor of Technology   CGPA 8.8

CODING PROFILES

- Scaler: https://www.scaler.com/academy/profile/75a325e1b7a4/
- Leetcode: https://leetcode.com/potlamohansai/
- TakeUForward: https://takeuforward.org/plus/profile/mohansai46/