SAI KRISHNA DAS

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Professional Experience

Software Engineering - Artificial Intelligence Team   Kochi, KL, India
Agrima Infotech Pte Ltd.   Jan 2020 – Jun 2021
Product-Based AI automation software company for food and retail.
- Created UI components with **React.js** with **Typescript** to visualize the ML system predictions.
- Utilized **Node.js** on the backend, working with both **NoSQL** and **SQL** databases.
- Deployed applications using **AWS** services, including AWS EC2 for hosting, AWS S3 for file storage, and AWS Lambda for serverless functionality.
- Designed and developed e-commerce responsive website for parent company using **NextJs**.
- Took leadership to develope a tool for Intelligent Weighing Scale to showcase ML predictions.
- Implemented efficient way to capture HQ images from Intelligent Weighing Scale.
- Achieved 99.2% accuracy on deep learning model that predicts seasonal fruits and vegetables.
- Guided the AI team in research on suitable deep learning algorithm for the ongoing product.

Software Engineering   Bangalore, KA, India
SmartClean Technologies Pte Ltd.   Jun 2021 – Present
Product-Based software company focusing on cleaning industry.
- Utilized **React.js with Typescript** to build a user-friendly UI for generating cleaning maps of properties and buildings.
- Developed an intuitive user interface that creates geofencing for properties based on their location leveraging **Node.js/Express.js**,**NoSQL MongoDB** for efficient data management.
- Designed and implemented an interactive audit with **NextJS** and user engagement that monitors, and manages operations, providing real-time insights for better decision-making.
- Enhanced automated audit templates, allowing users to create and customize system templates using Node.js/Express.js and databases like **PostgreSQL** to streamline the auditing process.
- Developed a visually appealing dashboard UI to display data visualizations from IoT devices, utilizing React.js with **TailwindCSS** and incorporating UI animations to enhance the application's aesthetics and user engagement.

Projects

The StoBook	An open online library that allows users to read any book for free.
Snapbook	A social media platform where users can share images and make friends.
Explorer	A search engine that supports dark mode.
Superchat	A secure public open chatting web application.
Your Thoughts	A blogging website that lets users write, read and connect.
Chatbox	A secure chatting web application with custom chat rooms.
Clones	Netflix, Amazon, Instagram, Google Chrome and Slack.

Education

Bachelor of Computer Science   Jul 2016 - Jul 2020
SNS College of Technology   Coimbatore, TN, India

Skills

Languages: Javascript, Typescript, Python, Html, Css
Technologie: React.js, NextJS, Redux, Recoil, TailwindCss, Postgress SQL, Node.js, Mongodb, Firebase, Aws, Docker, tRPC.