

# KONDURI AKHIL

+91 - 9676237125 | konduriakhil6@gmail.com

## Summary

Skilled Software Development Engineer with 5.8 years of experience in building responsive and visually appealing web applications. Proficient in **ReactJS**, **NextJS**, **Bootstrap**, **JavaScript**, **TypeScript**, **Node.js**, **SASS**, **CSS**, **Material-UI**, and **TailwindCSS**, with strong expertise in **UI/UX development** and **Responsive Web Design**. Successfully contributed to diverse projects including **Keto Meals E-Commerce**, **Workforce Management**, and **Pharmaceutical E-Commerce**, leveraging **Microfrontend architecture** and **Node.js** for scalable front-end and back-end solutions. Gained working knowledge **AWS services** such as **S3** and **EC2** through hands-on exploration and implementation discussions during recent projects. Experienced in gathering and analyzing project requirements, ensuring seamless feature delivery while maintaining cross-browser, device, and system compatibility.

## Projects

### Software Development Engineer E-Commerce Applications | Keto Meals

#### Project Description:

**Keto Meals** is a health-focused e-commerce company that provides a wide range of keto-friendly meals and products to consumers. The goal of shopper marketing in this context is to create awareness and enhance customer engagement with nutritious, low-carb food options. By streamlining the online shopping experience and improving product discovery, Keto Meals aims to boost sales while educating consumers on maintaining a healthy ketogenic lifestyle.

#### Responsibilities:

- **Collaborated** with designers to transform wireframes into engaging and intuitive user interfaces for the **Keto Meals e-commerce platform** using **React.js**, **NextJs**, **TypeScript**, and **TailwindCSS**.
- **Developed and maintained** front-end features using **React.js**, **NextJS**, **Redux**, and **React Query** to ensure seamless **user interactions**, **state management**, and **efficient data fetching**.
- **Implemented responsive UI development** using **HTML**, **CSS**, **TailwindCSS**, and **JSON**, integrating **REST APIs** to enhance performance and accessibility.
- **Worked in an Agile development environment**, actively participating in **sprint planning**, **daily stand-ups**, and **code reviews**.
- **Coordinated with UI/UX designers** to create a seamless shopping experience, optimizing **product discovery**, **meal plan navigation**, and **checkout processes**.
- **Conducted research** on **user behavior**, **browsing patterns**, and **customer engagement metrics** to refine the **user experience**.
- **Designed and structured** the interface for **product listings**, **personalized meal plans**, and **recommendation systems** using **efficient component architecture**.
- **Worked closely with backend developers** to ensure smooth integration between the **frontend**, **APIs**, and **business logic**.
- **Developed reusable and modular UI components** using **React.js** and **NextJS**.
- **Ensured cross-browser compatibility**, **accessibility (ARIA)**, for a **seamless user experience**.
- **Implemented efficient state management and caching** with **Redux Toolkit** and **React Query** for optimized data fetching and updates.
- **Developed and maintained backend services** using **Node.js**, **Express.js**, and **MongoDB**, handling **user authentication**, **order processing**, and **meal plan management**.
- **Maintained high coding standards**, following best practices for **scalability**, **maintainability**, and **security**.
- **Deployed and managed static assets** using **AWS S3**, ensuring efficient content

delivery and scalability.

**Deployed backend services on AWS EC2**, optimizing performance, load balancing, and monitoring server health.

### **Software Development Engineer**

#### **Workforce management software**

##### **Project Description:**

This React-based application aims to streamline workforce management processes for organizations of all sizes. By providing a centralized platform for employee data, scheduling, time tracking, and performance management, the application will enhance operational efficiency and improve decision-making. The system will offer robust features such as employee profiles, attendance management, leave requests, project assignments, performance evaluations, and customizable reporting.

##### **Responsibilities:**

- Developed and implemented this Workforce Management (WFM) solution using **HTML, CSS, Bootstrap, JavaScript, TypeScript, NodeJS, React.js & Redux** to optimize scheduling and resource allocation for improved workforce productivity and efficiency.
- **Developed** dynamic and reusable UI components using **ReactJS** to manage employee scheduling, attendance, and task views.
- **Implemented** global state management using **Redux** to handle user authentication, role-based access, and data flow across the application.
- **Integrated** RESTful APIs using **Axios** to perform CRUD operations for employee data, shifts, and leave management.
- **Built** responsive layouts using **CSS Flexbox, Grid, and media queries** to ensure mobile-first and cross-device compatibility.
- **Created** modular routes using **React Router** for seamless navigation between dashboard, employee profiles, and reports.
- **Collaborated** with backend developers to define and test **API endpoints** for workforce operations like shift allocation and leave approvals.
- **Validated** forms and inputs using **React Hook Form** and custom validation logic for timesheets, login, and employee profiles.
- **Optimized** rendering performance using **React.memo** and lazy loading for large data tables and calendar components.
- **Implemented** user roles and permissions to restrict access based on **Redux state** and **JWT tokens**.
- **Tested** components and application flows using tools like **Jest** and **React Testing Library** to ensure reliability and maintainability.

### **Software Development Engineer**

#### **E-Commerce Application | Teva**

##### **Project Description:**

Pharma Web Application is a comprehensive platform designed for pharmaceutical companies to manage their drug inventory, sales, and customer interactions. The application provides a user-friendly interface for pharmacists, healthcare providers, and customers to access information about various drugs, place orders, and track deliveries. The platform also offers features for managing prescriptions, patient information, and sales analytics.

##### **Responsibilities:**

- Developed and improved the **Pharma e-commerce website** using **React.js, JavaScript, HTML, CSS, Bootstrap, SASS, and Material-UI** to create a user-friendly experience.
- Used **Redux** for better state management, making data handling smoother and application performance more consistent.
- Integrated RESTful APIs for product listings and secure user authentication, ensuring safe and reliable data access.
- Joined daily scrum calls with clients to discuss progress and align project goals.
- Worked closely with **UI/UX designers** to turn design concepts into functional web components that matched the website's branding.
- Provided regular updates to clients on ongoing tasks and project status.
- Identified and fixed issues quickly using **debugging techniques**, ensuring the

- website functioned smoothly.**
- **Communicated technical and design needs** to maintain **performance, reliability, and accessibility.**
  - **Collected and analyzed user feedback** to **improve the software's usability.**
  - **Contributed to large projects** using **Agile methodology**, working with multiple developers.
  - **Worked with backend developers** to **integrate APIs** and ensure **smooth data flow.**
  - **Used TypeScript and Node.js** to implement **secure and efficient data handling mechanisms.**
  - **Wrote unit tests** using **Jest** to **ensure code quality and reliability.**
  - **Debugged and fixed issues** to keep the application running **smoothly.**
  - **Participated in Agile processes** like **sprint planning and retrospectives.**
  - **Stayed updated with industry trends and new technologies** to **continuously improve the application.**

## Professional Experience

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- Working as a **Software Development Engineer** at **Tanama Software Private Limited, Bengaluru** from Jan - 2020 to Present.

## Skills

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- ReactJS
- NextJS
- Redux & Redux Tool Kit.
- NodeJS
- ExpressJS
- MongoDB
- AWS(S3 & EC2)
- Micro Frontend Development
- TypeScript
- SASS & SEO
- Bootstrap
- Material UI
- TailwindCSS
- JEST
- React-Testing-Library
- HTML/HTML5
- CSS/CSS3
- JavaScript
- Debugging
- Agile methodologies
- Adobe software packages
- Prototyping
- Website optimization
- GIT
- Accessibility(ARIA)
- React Query
- Webpack & Babel
- WordPress
- Page optimization

## Education

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**Bachelor of Technology, Electronics and Communication Engineering**  
Jawaharlal Nehru Technological University - Kakinada, IN-AP

2019