Akhil Bandari

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Summary

Full Stack Developer with 6 months of experience in building responsive, scalable, and user-friendly web applications using **MongoDB, Express.js, React.js,** and **Node.js**. Strong understanding of modern web development principles with hands-on experience in designing RESTful APIs, managing databases, and developing high-performance front-end interfaces. Skilled in creating end-to-end full-stack applications with clean UI, optimized workflows, and seamless user experiences.

Technical skills

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, React Router, Bootstrap, Rsuite.

- **Backend:** Node.js, Express.js .

- **Database:** MongoDB**.**

- **State Management**: React Hooks, Redux Toolkit**.**

- **Tools & Version Control:** Git, Postman**.**

- **Others:** RESTful APIs, Functional Components, Responsive Design

Professional Experience

- *I worked for 6 months at Trysol Global Services Pvt Ltd, Hyderabad.*

Experience

- Developed reusable and scalable UI components in React.js, resulting in a 25% faster development cycle across multiple projects.
- Integrated RESTful APIs and handled backend services using Node.js and Express.js, achieving seamless data flow and reducing API error rates by 15%.
- Used MongoDB for data modelling and storage, ensuring efficient handling of structured inventory data.

- Improved page load speed by 30% through optimized rendering techniques and frontend performance tuning.
- Employed React Hooks and Redux Toolkit for effective state management and cleaner component logic.
- Collaborated with designers and QA teams to deliver intuitive, responsive, and cross browser compatible UIs.
- Wrote backend logic for processing user requests, handling authentication, and integrating real time updates.

Projects

Project name: IT Inventory
Technologies: MongoDB, Express.js, React.js, Node.js, HTML5, CSS3, Bootstrap, JavaScript (ES6) .

A comprehensive **MERN stack** IT Inventory Management System designed to streamline the tracking of organizational assets, stock levels, and order-fulfilment workflows. The application is built using **MongoDB, Express.js, React.js, and Node.js**, enabling efficient data handling, smooth API communication, and a fast, responsive UI.

The system improves operational efficiency by offering **real-time visibility** into inventory status, automated **low-stock alerts**, and seamless coordination between departments. It includes an intuitive React-based dashboard, **role-based authentication & authorization**, and a secure, scalable Node.js/Express backend with MongoDB for reliable data storage.

Responsibilities:

- Designed and developed the full-stack architecture using the MERN stack.
- Created REST APIs using **Express.js** and integrated them into **React.js** frontend.
- Used **MongoDB** for database schema design and CRUD operations.
- Built an interactive dashboard to display real-time inventory metrics using charts and tables.
- Collaborated with UX designers to improve overall usability and ensure a seamless user experience.

Education:

B-Tech - Kamala Institute of Technology and Science

Inter – Kaloji Junior College

SSC – Shathavahana High School

Languages:

Telugu and English, Hindi