

# Shamil Bin Abdussamad TK

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Manjeri, Kerala, India

## OBJECTIVE

Passionate Full Stack Developer with hands on experience building scalable web applications using modern technologies like JavaScript, Node.Js, React.Js, Express.Js and MongoDB. Committed to writing clean, maintainable code and continuously improving as a developer. Eager to contribute to impactful projects and grow within a forward thinking tech team.

## EDUCATION

### • Eranad Knowledge City

June 2020 - January 2024

Bachelor of Technology in Computer Science Engineering

Manjeri, Kerala

## TECHNICAL SKILLS

- **Programming Language:** JavaScript(Es6), TypeScript,
- **Backend Technologies and Frameworks:** Node.JS, Express.JS.
- **Frontend Technologies :**ReactJS, NextJS, Redux, DOM Manipulation , Html, CSS3, Tailwind CSS,
- **Database Systems:** MySQL, MongoDB
- **DevOps and Version Control:**Git, GitHub, Docker
- **Cloud and Tools:**Digital Ocean, Vercel, Postman, VS Code.
- **Specialized Area:** Web Development, Scripting, Third Party Integrations , Design Principles, Web Technology , Test , Networking .

## SOFT SKILLS

- Problem-solving, Analytical thinking, Time management, Collaborative Environment , Passion for Technology, Adaptability, Teamwork, Detailed obsession, Innovation, Responsible Development, Learning-Minded, Basic knowledge of Data Structures and Algorithms, and object-oriented programming principles.

## PROJECTS

### • RAG Chatbot with LangChain.js

[gitHub](#)

Next.JS, LangChain.js, OpenAI APIs, Astra DB

- **Impact:** Built a Retrieval-Augmented Generation (RAG) chatbot leveraging LangChain.js and OpenAI APIs with a User Friendly Next.js frontend. Integrated DataStax Astra DB for vector search and large-scale data handling. Deployed on cloud for high availability and scalability.

### • Cloud-Based TODO Application

[Preview](#)

JavaScript, React, Node.JS, Express, MongoDB

- **Impact:** A cloud-enabled Todo application with user authentication and task synchronization across devices. Built a clean UI using React and Tailwind CSS, integrated with a secure Node.js and MongoDB backend. Deployed with scalable infrastructure supporting real-time task updates and notifications.

### • Hotel Booking and Management System

[Preview](#)

React.js, React Router, Tailwind CSS, Clerk , Responsive UI Design

- **Impact:** Built a clean and intuitive frontend interface for a hotel booking platform with dedicated user flows for customers and hotel owners. Implemented responsive page layouts, navigation structure, form handling, and state-based UI updates. Designed separate dashboards and booking views to simulate real-world booking experiences. Optimized for usability and mobile responsiveness, and deployed for public access.

### • Food Delivery Application (MERN)

[Preview](#)

React, NodeJS, Express, MongoDB

- **Impact:** Implemented a full-featured food delivery application with product menus, order management, and integrated cart system. Created a responsive UI using React and Tailwind CSS; backend powered by Node.js, Express, Restful APIs and MongoDB. Added secure user authentication and dynamic restaurant/food listing with real-time updates, Efficiently Maintained Databases.