

# Muhammed Kans

Kerala, India

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFILE

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Dedicated and self-taught MERN Stack Developer with extensive practical experience in building scalable, real-time web applications. Deeply interested in software architecture, I have independently engineered complex ecosystems including a food delivery platform and a social network. I possess strong problem-solving skills and a proven ability to learn and adapt to modern technologies.

## TECHNICAL SKILLS

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**Frontend:** React.js, Redux Toolkit, Tailwind CSS, TypeScript, HTML5, CSS3, DaisyUI, Vite

**Backend:** Node.js, Express.js, Socket.IO (WebSockets), RESTful APIs, Microservices Architecture

**Databases:** MongoDB, Mongoose ODM, Aggregations

**Tools & Platforms:** Git, GitHub, Postman, Vercel, Render, Cloudinary, MongoDB Atlas

## FEATURED PROJECTS

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### FoodBey | Multi-Vendor Food Delivery Ecosystem

**Links:** [Live Demo \(Click Here\)](#) | [GitHub Code \(Click Here\)](#)

- Architected a scalable **3-tier application ecosystem** connecting Customers, Restaurants, and Delivery Partners, mimicking industry standards like Swiggy.
- Engineered a **Real-time Order Tracking System** using **Socket.IO**, enabling instant status updates across user, restaurant, and partner dashboards.
- Implemented robust **Role-Based Access Control (RBAC)** strategies to secure rigorous workflows for admins and vendors.
- Managed complex global state (Cart, User Auth) using **Redux Toolkit**, ensuring high performance and scalability.
- Integrated **Razorpay Payment Gateway** with secure webhook verification for automated transaction handling.
- Utilized Cloudinary for optimized image handling and created secure RESTful API endpoints for seamless menu management.
- **Technologies Used:** React.js, TypeScript, Node.js, Express.js, MongoDB, Redux Toolkit, Socket.IO, Tailwind CSS, Razorpay, Cloudinary.

### DevChat | Real-Time Social Media Platform

**Links:** [Live Demo \(Click Here\)](#) | [GitHub Code \(Click Here\)](#)

- Built a full-featured professional networking platform supporting real-time chat, connections, likes, and comments.
- Implemented '**DevStories**' (24-hour expiring status updates) using **MongoDB TTL (Time-To-Live) indexes**.
- Designed and implemented a high-performance \*\*Real-time Chat Engine\*\* with typing indicators using WebSockets.
- Integrated JWT-based authentication and payment gateway for premium 'Bluetick' user verification.
- Designed a responsive, premium UI with **Tailwind CSS** and DaisyUI, featuring online/offline user status tracking.
- Deployed the frontend on Vercel and backend on Render, maintaining strict version control and clean code architecture.
- **Technologies Used:** MERN Stack, Socket.IO, Tailwind CSS, DaisyUI, JWT, MongoDB Aggregations, Vercel, Render.

## EDUCATION

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**BA English**

*Kerala University*

Mar 2021 – Aug 2023

*Kerala, India*

## CERTIFICATIONS

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| <b>Python Programming</b>   <i>GTEC Computer Education, Pathanapuram</i> | 2023 |
| <b>C Programming</b>   <i>GTEC Computer Education, Pathanapuram</i>      | 2023 |
| <b>Node.js Development</b>   <i>Namaste Node.js (Online Bootcamp)</i>    | 2024 |