

MUHAMMED AJMAL KT

MERN Stack Developer

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PROFILE

Full-stack web developer experienced in building scalable applications using React, Node.js, and MongoDB. Adept at optimizing performance, enhancing user experience, and collaborating in agile environments. Passionate about innovation, clean architecture, and modern web technologies.

SKILLS

- **Languages:** JavaScript (ES6+), TypeScript
- **Frontend:** HTML/CSS, Tailwind CSS, React.js, Redux Toolkit, Zustand, TanStack Query
- **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Socket.IO
- **Database:** MongoDB (NoSQL)
- **Development Tools:** Git, GitHub, VS Code, Postman, Figma, Canva
- **Deployment:** Render

EXPERIENCE

Bridgeon Solution LLP

July 2024 – Present

MERN Stack Developer Intern

- Engineered scalable full-stack applications using MongoDB, Express.js, React, and Node.js.
- Built responsive, modular UI components with Next.js, Redux (TypeScript), and Tailwind CSS.
- Developed RESTful APIs and optimized database schemas for efficient data retrieval.
- Implemented secure authentication flows, admin dashboards, and route protections.
- Introduced modern libraries and frameworks, reducing development time by 25%.
- Collaborated in agile sprints, contributing to code reviews and deployment pipelines.

PROJECTS

Qluster – Developer Collaboration Platform

Tech Stack: Microservices, Docker, RabbitMQ, Next.js, Express, MongoDB, TypeScript, Zustand, React Query

- Designed and built a platform for developers to propose, assign, and collaborate on real-world projects.
- Created a modular contribution system with task allocation, tagging, and role-based permissions.
- Integrated WebRTC and Socket.IO for real-time chat, messaging, and video calls.
- Containerized services using Docker and coordinated communication via RabbitMQ.
- Used Next.js with Zustand and React Query for efficient UI rendering and state management.
- Secured APIs with JWT, OAuth (Google login), and implemented rate limiting for abuse prevention.

Skill Bridge – Skill Swap Platform

Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, React Query, MongoDB, Socket.IO, Redux Toolkit

- Built a platform enabling users to exchange skills via chat and video sessions.
- Designed interactive skill assessments with dynamic scoring and personalized learning paths.
- Fostered community through live group discussions and knowledge-sharing features.
- Ensured secure user sessions using JWT and integrated real-time messaging with Socket.IO.
- Enhanced performance using Redux Toolkit and React Query for state and data optimization.

- Delivered an accessible, mobile-first UI using Tailwind CSS.

E-Commerce Pet Food App

Tech Stack: MERN, Redux Toolkit, Tailwind CSS

- Built a complete e-commerce solution with admin/user dashboards, product listings, and payments.
- Implemented image storage with Cloudinary and deployed full-stack app via Render.

EDUCATION

Bachelor of Commerce in Finance

Calicut University, 2021 – 2024

LANGUAGES

- **English – Fluent**
- **Malayalam – Native**
- **Hindi – Professional**