

Muhammed Arshaq Tk

MERN Stack Developer

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Malappuram, Kerala

Professional Summary

Full Stack Developer with hands-on experience building and maintaining production-grade MERN applications. Strong backend expertise in designing scalable RESTful APIs, JWT authentication with refresh tokens, role-based access control (RBAC), MongoDB data modeling, query optimization, and caching with Redis. Proven track record of delivering reliable, performant features, integrating frontend-backend services efficiently, optimizing application performance, and collaborating in Agile teams using Git workflows. Experienced with Docker and AWS deployments.

Projects

CareerSync — MERN Job Recruitment Platform

GitHub Repository

- Architected a scalable, production-ready recruitment platform supporting job postings, applications, candidate profiles, admin dashboards, and multi-role workflows.
- Designed and implemented high-performance backend with 20+ RESTful APIs using Node.js + Express.js, including secure JWT authentication (access + refresh tokens), granular RBAC for 3 user roles, robust input validation, and unified error handling.
- Integrated Redis for caching frequent queries (e.g., job listings, user sessions), significantly reducing database load and improving response times.
- Modeled efficient MongoDB schemas with Mongoose, applied indexing, and optimized complex queries for fast search and filtering.
- Built a modular React + TypeScript UI with reusable components; deployed full application using Docker on AWS (EC2 + S3).

Skill Share Hub — MERN E-Learning Platform

GitHub Repository (Ongoing)

- Collaborating as a Full Stack developer on a group e-learning platform supporting course creation, enrollment, and video-based learning.
- Built RESTful APIs with Node.js + Express.js, JWT authentication, and RBAC for admin, instructor, and student roles.
- Designed MongoDB schemas for courses, modules, and user progress; integrated video streaming and payment flows.
- Developed a clean, responsive React + TypeScript UI with a component-driven frontend architecture.

Experience

Full Stack Developer — Bridgeon Solutions

Jun 2025 – Present

- Engineered and maintained 3+ production-grade MERN applications using modular monolithic architecture, supporting multiple user roles.
- Designed and delivered 20+ secure RESTful APIs with JWT authentication, RBAC, request validation, and structured error handling.
- Integrated React frontend with backend services using Redux/Context, reducing redundant API calls and improving data consistency.
- Collaborated with cross-functional teams using Git-based workflows (branching, pull requests, and code reviews) in Agile sprints to deliver features and bug fixes.

Education

Bachelor of Computer Applications (BCA)

2022 – 2025

University of Calicut, Kerala

Technical Skills

Languages	JavaScript (ES6+), TypeScript
Frontend	React.js, Next.js, React Router DOM, Redux, Context API, Zustand, TanStack React Query, Tailwind CSS, Bootstrap, shaden/ui
Backend	Node.js, Express.js, RESTful APIs, JWT Authentication, RBAC, MVC Architecture, Input Validation, Error Handling, Redis (Caching)
Database	MongoDB, Mongoose, NoSQL Data Modeling, Query Optimization, Indexing
DevOps / Cloud	AWS (EC2, S3), Docker, Vercel, Render
Tools	Git, GitHub, Postman, VS Code
Other	Agile Methodologies, Problem Solving, Team Collaboration