MUHAMMED SHAFI KT

Full Stack Developer (MERN)
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Portfolio: muhammedshafikt-fullstack-developer.vercel.app

SUMMARY

MERN Stack Developer with 1 year of hands-on experience building scalable full-stack applications with React.js, Node.js, MongoDB, and TypeScript. Skilled in REST APIs, JWT/OAuth authentication, Docker, Redis, and AWS deployment, with experience building AI features including RAG pipelines (embeddings, vector search) and LLM integration.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, HTML5, CSS3
Frontend: React.js, Next.js, Redux Toolkit, Tailwind CSS, Recharts
Backend: Node.js, Express.js, FastAPI, REST API Development, Socket.IO, Zod
Databases: MongoDB, Mongoose, PostgreSQL, Prisma, Redis, DuckDB, pgvector
Cloud & DevOps: AWS EC2, AWS S3, Cloudflare R2, Vercel, Docker, CI/CD
Auth & Security: JWT, Refresh Tokens, Google OAuth, Role-Based Access Control, Bcrypt, Cookie-Based Authentication
AI & Analytics: RAG, Embeddings, OpenAI SDK, LLM Integration, Data Profiling, Dashboard Generation
Tools: Git, GitHub, Postman, Vite, Razorpay, Cloudinary, Puppeteer

WORK EXPERIENCE

Full Stack Developer Intern | Bridgeon Solutions, Kerala, India | November 2025 - Present

- Developed scalable web application features using React.js, Node.js, Express.js, and MongoDB.
- Designed and integrated secure REST APIs with JWT authentication and MongoDB.
- Built reusable backend modules, optimized application performance, and maintained existing features.

PROJECTS

InsightFlow | AI-Powered Data Analytics Platform | 2026
Live Demo: insightflow-ai88.vercel.app | GitHub: github.com/muhammedShafiKT/Insights-Flow-AI
Tech: React.js, Node.js, Express.js, MongoDB, DuckDB, Redis, BullMQ, Socket.IO, Cloudflare R2, AWS

- Built a multi-stage analytics pipeline for dataset ingestion, profiling, validation, and interactive dashboard generation.
- Implemented DuckDB-based analytics, Redis/BullMQ background processing, Socket.IO real-time updates, and automated PDF report generation.

EventOS | Event & Venue Management Platform (Team Project) | 2026
Live Demo: eventapp-psi.vercel.app | GitHub: github.com/eventsos03-star/eventapp
Tech: Next.js, React, TypeScript, Node.js, Express.js, MongoDB, Zod, Docker, AWS S3, Google OAuth, RAG, CI/CD

- Contributed to a multi-role platform (organizers, venue owners, attendees, admins) covering venue booking, ticketing, check-in, certificates, and a RAG-powered chatbot.
- Built the Event module (model, validation, service, controller, routes) and extended the admin dashboard with event management.
- Integrated JWT (httpOnly cookie) and Google OAuth authentication with organization-based role access; Dockerized the backend with dev and production images.

KnowledgeHub | RAG Knowledge Platform | 2026
GitHub: github.com/muhammedShafiKT/KnowledgeHub
Tech: Next.js, TypeScript, Node.js, PostgreSQL, Prisma, pgvector, FastAPI, Gemini

- Built a document-to-RAG pipeline for text extraction, chunking, embedding generation, and vector storage using PostgreSQL/pgvector.
- Developed a Python FastAPI AI microservice for embeddings and semantic retrieval, integrated with the Node.js backend.

Luxora | Full Stack E-Commerce Platform | 2026
Live Demo: luxoraaa.vercel.app | GitHub: github.com/muhammedShafiKT/E-commerce-frontend-backened-
Tech: React.js, Node.js, Express.js, MongoDB, Razorpay, Cloudinary

- Built an e-commerce platform with product management, cart, wishlist, coupons, role-based authorization, and admin dashboard; integrated JWT/Google OAuth, Razorpay payments, and Cloudinary media management.

EDUCATION

Bachelor of Computer Applications (BCA) | Sree Narayana Guru Open University (SGOU), Kerala |
Expected Graduation: 2026