MUHAMMED SHURAIF P

Full-Stack MERN Developer

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⭘ GitHub | </> LeetCode

PROFILE SUMMARY

Self-taught full-stack developer with a strong focus on scalable architecture, performance optimization, and industry best practices such as SOLID principles and Clean Architecture. Passionate about solving complex problems, improving the developer experience, and delivering intuitive, production-ready web solutions. Known for writing clean, testable code and adapting quickly to evolving tech and team environments.

TECHNICAL SKILLS

- **Languages:** HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Frontend:** React.js, Next.js, Vue.js, Redux, Tailwind CSS, Bootstrap, Framer Motion
- **Backend & APIs:** Node.js, NestJs, Express.js, RESTful APIs, JWT, WebRTC, Socket.io, BullMQ
- **Databases & Caching:** MongoDB, PostgreSQL, SQL, Prisma, Valkey (Redis-compatible)
- **AI / LLM:** OpenAI API, Gemini API, LangChain, Qdrant, Retrieval-Augmented Generation (RAG)
- **DevOps / Cloud:** AWS(EC2,S3), NGINX, Docker, CI/CD
- **Tools:** Git, GitHub, Postman, Figma
- **Testing & QA:** Jest
- **Concepts & Architectures:** DSA, OOP, SOLID Principles, Clean Architecture

KEY PROJECTS

WEBILINK - Video Conferencing Application

Technologies: Next.js, Node.js, Express.js, MongoDB, Socket.io, Stripe, TypeScript, Docker, CI/CD, AWS S3

⭘ *WEBILINK*

Built an MERN-based video conferencing platform with real-time collaboration and seamless online meetings.

- Enabled breakout rooms, DMs inside public chat with emoji reactions via Socket.io.
- Added Live Q&A, polls, collaborative whiteboard, live captions, timers and session recordings.
- Used Stripe for payments/subscriptions.

VIVA BAGS – An eCommerce Application for Premium Bags

Technologies: React.js, Node.js, Express.js, MongoDB, Razorpay, Cloudinary

⭘ *GitHub*

A scalable e-Commerce platform with complete user, product, order, and payment management systems.

- Implemented OTP-based user registration, login, profile management, RBAC and password recovery.
- Advanced product management built with search, filtering, reviews and ratings.
- Developed cart, wishlist, checkout, wallet, order placing, canceling, and payment processing with razorpay.
- Planned admin dashboard for analytics, product/user/order insights, and coupon/offer rule management.

MINI PROJECTS

TrimURL – Authenticated URL Shortener

Technologies: Vue.js, Nest.js, JWT, Prisma

⭘ *GitHub*

Building a secure URL shortening service emphasizing modular architecture and token-based authentication.

- Focused on scalable backend design, secure authentication flows, and efficient, protected API endpoints.

ArtiFeed - An Article Feed Web Application

Technologies: Next.js, Framer Motion, TypeScript, Node.js, Express.js, MongoDB

GitHub

Built a content platform where users can interact with articles based on interest preferences.

- Implemented a sign-up / log-in via phone or email with JWT.
- It enabled like/dislike/block actions and real-time feed based on preferences.
- It allowed article creation, manage preferences and profile settings via the user dashboard.

AskMyPDF – PDF-RAG App

Technologies: Next.js, Express.js, LangChain, Qdrant (Vector DB), OpenAI API, Clerk

 GitHub

Built a Retrieval-Augmented Generation (RAG) application for semantic PDF search and chat.

- Implemented secure authentication with Clerk and an intuitive UI for PDF upload and chatbot interaction.
- Designed a two-phase workflow: ingestion (chunking PDFs, generating embeddings via OpenAI, storing in Qdrant) and retrieval (semantic search + LLM context injection).
- Leveraged LangChain for embedding pipelines and retrieval orchestration, enabling context-aware answers.

Netflix Clone   *GitHub*

A front-end replica of Netflix, this project replicates its core features with real-time data integration.

- Created with React, integrated with Firebase Authentication and the TMDB API.

OLX Clone   *GitHub*

This marketplace platform enables users to buy and sell products in a user-friendly environment.

- Included product listing, buying/selling, and state management with the React Context API.

EDUCATION

Web Development   *2024 – present*

Brototype, Calicut, Kerala

Bachelor of Arts in Arabic   *2019 – 2021*

University of Calicut, Kerala