Muhammad adhil

✉ +91 7994617934 | muhammadadhil934@gmail.com   in LinkedIn   ⓞ GitHub   🌐 Portfolio

Profile Summary

Full-stack developer specializing in MERN stack development with expertise in building efficient and scalable web applications. Experienced in microservices architecture and modern development tools. Passionate about learning new technologies and improving technical skills..

Skills

- **Languages:** JavaScript, TypeScript, MySQL
- **Backend Technologies:** Node.js, Express, RabbitMQ, gRPC
- **Frontend Technologies:** React.js, Redux, Redux Toolkit, Tailwind CSS, Bootstrap, HTML, CSS, JavaScript , Shadcn
- **Database Technologies:** MongoDB, PostgreSQL
- **Tools & Platforms:** Docker, Kubernetes, DockerHub, Git, GitHub, Github Actions, Render, Vercel, AWS, Firebase Postman, Cloudinary Figma
- **Concepts & Architecture:** Microservices, SOLID Principles , Repository Pattern ,MVC Pattern

Projects

- **Opportune: Freelancing Application**

  Live Link | GitHub

  - Technologies: Node.js, React.js, MongoDB, Docker, Kubernetes, RabbitMQ, React Query.
  - Developed a freelancing platform that connects clients with freelancers, ensuring a seamless user experience.
  - Designed and implemented the platform using a modular **microservices** architecture with 7 services.
  - Followed **SOLID principles** and applied the **Controller-Service-Repository pattern** for better code organization and reusability.
  - Implemented secure real-time messaging and notifications using **WebSockets** with robust encryption standards.
  - Integrated Stripe for secure payments, including escrow-based transactions.
  - Added features for milestone tracking, deadlines, and feedback to streamline project management.
  - Built a responsive and intuitive UI using React.js with efficient state management.
  - Used MongoDB for high-performance and reliable data storage.
  - Leveraged **RabbitMQ** for communication between services, such as project updates and notifications.
  - Containerized services with **Docker** and orchestrated them using **Kubernetes**, deployed on **Google Cloud (GKE)**.
  - Set up **CI/CD** pipelines using GitHub Actions to automate testing, building, and deployment workflows.

- **Homiqo: E-commerce Platform**

  Live Link | GitHub

  - **Technologies:** Node.js, Express, MongoDB, EJS, Multer, Express-session, Bootstrap, Express-flash
  - Developed a complete furniture e-commerce platform with cart, checkout, order, payment processing, and user wallet functionality
  - Implemented administrator dashboard with comprehensive sales reports (yearly, monthly, weekly) for business analysis
  - Created a robust product management system allowing administrators to manage products, categories, orders, coupons, and offers
  - Integrated Razorpay payment gateway for secure online transactions and implemented wallet feature for user fund management
  - Applied session-based authentication and authorization using express-session to ensure secure user experience
  - Deployed the application on **AWS EC2**, ensuring high availability and scalability.

MINI PROJECTS

- **Task Management Application**

  Live Link | GitHub

  - **Technologies:** MERN Stack, JWT, Context API ,Socket.io, Chart.js
  - Built RESTful APIs using Node.js, Express, and MongoDB for comprehensive task operations
  - Utilized Context API for efficient state management, enabling seamless data flow across components.
  - Built secure APIs and implemented JWT for safe user authentication.
  - Implemented real-time updates with Socket.io
  - Designed responsive React-based UI with task statistics visualization using Chart.js

- **User Management System**

  GitHub

  - **Technologies:** Node.js, Express, MongoDB, React.js, Redux, Redux-Toolkit, Cloudinary
  - Developed CRUD application with login, signup, and profile management features
  - Integrated Cloudinary for profile image uploads
  - Created administrator interface for comprehensive user management

- **Netflix-clone**

  Live Link | GitHub

  - **Technologies:** React.js , firebase
  - Implemented user authentication and secure data handling with Firebase Authentication.
  - Used TMDB API to fetch and display trending movies.

EXPERIENCE

- ○

  Graphic Designer   *October 2022 - October 2023*
  freelance   calicut, India

EDUCATION

- *

  Brototype   *2023-2025*
  Mern Stack development   Calicut, India
- *

  Calicut University   *2020 - 2023*
  Batchlor Of Commerce   Calicut, India