

Rehman Ali

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CAREER SUMMARY

- With over 3 years of experience as a Full-Stack Developer, I specialize in building robust web applications, managing databases, and integrating modern cloud services.
 - Led development for a dynamic coaching application, enhancing critical features like real-time calling, chat functionality, and timetable scheduling.
 - Managed both front-end and back-end development using React, Redux-Saga, NestJS, MongoDB, and RabbitMQ, optimizing system operations and user experience.
 - Developed a scalable MVP for a project management tool, leveraging micro-service architecture and ensuring adaptability to market trends.
 - Engineered backend solutions with NestJS, RabbitMQ for message queuing, and TypeORM for improved data handling and responsiveness.
 - Created dynamic, responsive web applications using React JS, Redux-Saga, Context API, and integrated GraphQL with Apollo for enhanced API interactions.
 - Applied advanced styling with SASS, CSS, and Tailwind CSS, and implemented API test automation using Chai and Mocha for high-quality software solutions.
 - Known for effective communication and collaboration, consistently delivering insights and updates to stakeholders, and eager to leverage my full-stack development skills to drive impactful solutions.
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TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, Node.js, Express.js, React.js, Nest.js, GraphQL, Redux-Saga, Ts-REST, Drizzle ORM, TypeORM, Mongoose, Zod, Express-validator, Joi, Cometchat
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Testing:** Mocha, Chai
- **Tools & Platforms:** Git, AWS EC2, AWS S3, Cloudflare R2, RabbitMQ, Stripe, Segment Event Tracking, Vercel, Railway Deployments, Sentry, Winston Logger
- **Others:** REST API, Micro-Services, Mono-Repo, Tailwind CSS, SASS, CSS

PROFESSIONAL EXPERIENCE

Full Stack Developer (MERN/PERN)

QUH Dock, Lahore, Pakistan

November 2022 - Present

- Led development for a dynamic coaching application, enhancing features such as real-time calling, chat, and timetable scheduling.
- Managed both front-end and back-end development using React and Redux-Saga for state management, and NestJS, MongoDB, and RabbitMQ for backend optimization.
- Improved UI designs with Tailwind CSS, focusing on responsiveness and user interaction.

Full Stack Developer (Remote)

We Clone You (Contract), San Diego, California, USA

September 2022 - December 2022

- Developed an MVP for a project management tool using a micro-service architecture for scalability.
- Created robust backend solutions with NestJS, RabbitMQ for message queuing, and TypeORM for data handling.
- Designed the frontend with ReactJS and React Router for seamless navigation and user experience.

Software Engineer

Kinectro Technology Solutions and Services, Lahore, Pakistan

December 2021 - November 2022

- Built APIs with Node.js, focusing on backend data handling and integration.
- Specialized in UI development with ReactJS, utilizing Redux-Saga and Context API for state management.
- Integrated GraphQL with Apollo Server and Client, enhancing API interactions.
- Applied advanced styling with SASS, CSS, and Tailwind CSS.
- Implemented API test automation using Chai and Mocha for high-quality software solutions.

PERSONAL PROJECTS

Fee Management System (API with Node.js & UI with React)

- Developed a comprehensive Fee Management System integrating both API and UI components. The API, built with Node.js and Express.js, handled fee calculations, payment processing, and student data management, utilizing MongoDB, JWT, and RESTful design principles. The React-

based UI used Redux for state management and Axios for API requests, focusing on modular design, automated testing, and responsive UI.

Library Visitors Counting and Analysis Using CCTV

- Designed a system for tracking library visitors through CCTV, integrating Google's FaceNet for face recognition and Node.js with Express.js for backend processing. Developed a React-based web application to visualize real-time data and reports, involving dataset preparation, face recognition integration, and cloud deployment.

Pharmacy Module

- Created a CRUD application for pharmacy management using the MERN stack. The backend, with Node.js and Express.js, supported CRUD operations with MongoDB. The React frontend provided a dynamic interface, enhanced with Redux for state management, focusing on robust CRUD functionalities.

E-learning Portal

- Developed an E-learning portal for kindergarten students using the MERN stack. The React front end focused on interactive and responsive design, while the Node.js and Express.js backend managed user authentication, content delivery, and data storage with MongoDB. Implemented RESTful API endpoints for seamless front-end and back-end communication.

EDUCATION

Bachelor of Software Engineering

GIFT University, Gujranwala, Punjab, Pakistan

October 2017 - November 2021