

Komal Niazi

Mern Stack Specialist | React | Node.js | NextJS

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🔗 Potfolio

Profile

MERN Stack Developer specializing in building dynamic, scalable web applications using MongoDB, Express, React, and Node.js. Skilled in developing responsive, user-friendly interfaces and efficient server-side architectures. Focused on creating accessible, maintainable, and production-grade solutions that solve real-world problems.

Technical Skills

Frontend: React, Next.js, Tailwind CSS, HeroUI, ShadCN UI, Bootstrap
Backend: Node.js, Express.js, Firebase
Databases: MongoDB, MySQL
ORM & Data Tools: Sequelize (Node.js ORM)
APIs: REST API, GraphQL, TanStack Other
Tools: GitHub, Docker, Postman

Professional Experience

React Frontend Developer

BitsnIO Pvt Ltd

01/2025
Islamabad, Pakistan

- Integrated GraphQL APIs into the legacy APEA e-commerce application, specifically enhancing the BundleList feature by implementing the SearchBundleProducts and SearchBundle queries.
- Utilized TypeScript and GraphQL code generation to consume schemas safely, accelerating development.

Mern Stack Internship

Ezitech Institute

06/2024
Rawalpindi, Pakistan

- Converted website templates into fully responsive React applications, ensuring pixel-perfect UI aligned with Figma designs and themes.
- Built a full-stack e-commerce store using React, Context API, Node.js, Express, MongoDB with complete cart, checkout, authentication, and order workflows.
- Developed REST APIs for products, users, and orders, and Mongoose models for structured data.
- Gained hands-on experience with MongoDB to SQL migration workflows and ORM tools.

React Developer

CodeBite

06/2025 – Present
Karachi, Pakistan

- Built a modular, production-grade interactive learning platform integrating H5P videos, MDX-based chapters, and scroll-triggered UI inspired by Leaf and Three.js Journey.

- Engineered a React iframe bridge enabling custom H5P controls and embedded video timestamp navigation, enhancing user navigation and reducing content friction.
- Designed and delivered an Admin Dashboard from Figma using Hero UI, implementing KPI stats, responsive charts.
- Integrated RESTful APIs into the company portal, debugging on Postman, contributing fixes in Git.
- Rebuilt CSS Diner clone in Next.js, implementing dynamic level progression, CSS selector validation, and state-driven game logic using React hooks and TanStack Query for optimized performance

Projects

Stark [↗](#)

- Single Page application build with exact visual parity to original Stark design template into modular React components using Tailwind CSS for responsive styling with pixel-perfect alignment and accessibility-driven UI.

Amazona [↗](#)

- Multi-page store with dynamic product listing, authentication, cart, checkout, and order management; integrated React frontend with Node.js + Express + MongoDB backend.
- Built dynamic product detail routing, implemented Context API for cart and state management.

School Management System [↗](#)

- Full-stack application managing student enrollment, subjects, adding class, assigning teacher, create notices, tasks, powered by Node.js + Express backend and MySQL database.
- Implemented Sequelize ORM models for Admin, Students, and Teachers, designed controllers and services for modular CRUD operations and created RESTful APIs for enrollment, course creation.

Home Bites /Chat App [↗](#)

Final Year Project

- Built a cross-platform mobile app enabling home-based chefs to sell homemade, healthy meals while ensuring compliance with local health and safety regulations.
- Developed specific features of UI in React Native (Expo), creating responsive components for, food menus, and order tracking.
- Delivered a real-time chat application between chefs and customers using Firebase Firestore + Cloud Functions with live message listeners, client-side queuing, and transaction batches to resolve race conditions.

Education

BS Software Engineering

PMAS - Arid Agriculture University Rawalpindi

2020 – 2024

Rawalpindi, Pakistan

Courses

Mern Stack Development (PFTP) [↗](#)

Hackfest 3.0 Participation (Remotabase) [↗](#)

JavaScript Algorithms and Data Structures (FreeCodeCamp) [↗](#)