


MUHAMMAD KAAB

Full-Stack Developer

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PROFESSIONAL SUMMARY

Passionate Full-Stack Developer and Computer Science student from Karachi, Pakistan, with proven expertise in MERN stack development and modern web technologies. Experienced in building scalable e-commerce platforms, real-time chat applications, and responsive business websites. Skilled in database management, payment integration, and cloud services. Currently pursuing Intermediate in Computer Science while enrolled in Web & App Development at SMIT (Saylani Mass IT Training), delivering production-ready applications with clean, maintainable code.

TECHNICAL SKILLS

Frontend Development: React.js, Next.js, Vite, HTML5, CSS3, Tailwind CSS, Material-UI, Responsive Design

Backend Development: Node.js, Express.js, Socket.IO, RESTful APIs, MVC Architecture

Programming Languages: JavaScript, TypeScript, SQL

Databases: MongoDB, MySQL, SQL Workbench, Database Design

Cloud & Tools: Git, GitHub, Vercel, Render, Cloudinary CDN, Stripe API, Postman

Core Concepts: Object-Oriented Programming (OOP), Database Design, DevOps Practices

EDUCATION

Intermediate in Computer Science (2024 - 2026)

Government Degree Science and Commerce College, Karachi

Web & App Development Program (Current)

SMIT (Saylani Mass IT Training), Karachi

Matriculation (2022 - 2024)

The Publican School, Karachi

PROFESSIONAL PROJECTS

Real-Time Chat Application

Next.js & Socket.IO Full-Stack Platform

- Built comprehensive chat application using Next.js, Socket.IO, and MySQL database
- Implemented real-time messaging system with instant message delivery and notifications
- Developed secure user authentication and authorization system
- Created group chat functionality with user management and role-based permissions
- Optimized database queries and connection handling for improved performance
- **Technologies:** Next.js, Socket.IO, MySQL, Authentication, Real-time Communication

Shoe E-Commerce Platform

Full-Stack React/Node.js Application

- Developed comprehensive e-commerce solution with React frontend and Express/Node.js backend
- Integrated secure payment processing using Stripe API for seamless transactions
- Implemented MySQL database with optimized relational data management
- Built responsive admin dashboard with advanced search, filtering, and pagination features
- Utilized Cloudinary for efficient image storage and content delivery network (CDN)
- **Technologies:** React, Node.js, Express, MySQL, Stripe, Cloudinary

Event Booking System

MERN Stack Hackathon Project - SMIT

- Built full-stack application using MongoDB, Express, React, and Node.js during SMIT hackathon
- Implemented real-time admin approval system with Socket.IO notifications
- Managed complex application state using React Context API
- Designed intuitive user interface with optimized booking workflows
- Delivered project within hackathon timeframe demonstrating rapid development skills
- **Technologies:** MongoDB, Express, React, Node.js, Socket.IO, Context API

Construction Company Website

Responsive React.js Business Platform

- Developed multi-page marketing website with mobile-first responsive design
- Created interactive project gallery for portfolio showcase and client engagement
- Built lead-generation contact forms with form validation and backend integration
- Styled using Tailwind CSS framework for consistent, modern UI components

- **Technologies:** React.js, Tailwind CSS, Responsive Design
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KEY ACHIEVEMENTS

- Successfully delivered 4 production-ready applications with modern tech stack
 - Completed hackathon project at SMIT demonstrating rapid development capabilities
 - Implemented secure payment processing and real-time functionality across multiple projects
 - Built responsive designs ensuring optimal user experience across devices
 - Managed complex database relationships and state management in full-stack applications
 - Integrated third-party APIs and cloud services for enhanced functionality
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CORE COMPETENCIES

- Full-Stack Web Development
- Database Design & Management
- API Development & Integration
- Payment Gateway Integration
- Real-Time Application Development
- Responsive Web Design
- Version Control & Deployment
- Problem-Solving & Debugging