

# MUHAMMAD ALI

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Portfolio LINK: <https://muhammadalisportfolio.vercel.app>

Top Project LINK: [www.techaurcode.com](http://www.techaurcode.com)

## FULL STACK NEXT.JS & MERN DEVELOPER

### PROFESSIONAL SUMMARY

Results-oriented MERN Stack Developer & Instructor with 3 years of experience building high-performance web applications using Next.js and MongoDB. Successfully trained 500+ students in modern web development while Designed and deployed 10+ full-stack web applications using MERN Stack and Next.js, focusing on scalability, performance, and responsive design.

### TECHNICAL SKILLS

**Programming Languages:** JavaScript (ES6+), HTML5, CSS3, SQL

**Frontend Technologies:** Next.js (Server-Side Rendering/Static Site Generation), React.js, Tailwind CSS, Redux/Context API

**Backend Technologies:** Node.js, Express.js, RESTful APIs, JWT Authentication

**Databases:** MongoDB (using Mongoose), MySQL, Postgre SQL

**Development Tools:** Git, GitHub, Vercel, Postman, Visual Studio Code

### PROJECTS

#### E-Commerce & Inventory Management System (FYP)

Tech Stack: MongoDB, Express.js, React.js, Node.js (MERN), Redux.

Developed a full-featured Ecommerce System with a dedicated Admin Dashboard for real-time inventory tracking and sales analysis.

Led the development team, designed the database schema, and integrated secure payment gateways (Stripe) for transaction processing.

#### TECH AUR CODE SOLUTIONS

Tech Stack: Next JS Full Stack Application

Built a responsive Application for solution and institute with student portal include admin with admission function builtin LMS system with modren design and functionalities security is top notch with lightening speed with complete all functional and non functional requirements

#### Modern Portfolio & Blog (Next.js)

Tech Stack: Next.js, Tailwind CSS, Vercel.

Designed a high-performance personal website using Server-Side Rendering (SSR) for SEO optimization and fast load times.

Achieved a 100/100 Google Lighthouse performance score by optimizing images and code splitting.

### WORK EXPERIENCE

#### Full Stack Developer | Remote (Oct 2022 – Present)

Designed and deployed 10+ full-stack web applications using MERN Stack and Next.js, focusing on scalability, performance, responsive design and Optimized application speed, reducing page load times by 40% through Server-Side Rendering (SSR) and efficient API architecture.

Translated client requirements into responsive, bug-free code, ensuring 100% client satisfaction and repeat business.

#### MERN Stack Instructor | Tech Jan 2024 – Present)

Trained and mentored 500+ students in Full Stack Web Development, guiding them from basics to advanced MERN Stack concepts.

Delivered comprehensive lectures on React.js hooks, State Management, and Backend APIs, simplifying complex logic for beginners.

Reviewing code & debugging for large student batches, fostering best coding practices and problem-solving skills in future developers.

### EDUCATION

#### BS Information Technology (BSIT) | University of the Punjab, Lahore (2022 – 2026 | Final Year)

**Relevant Coursework:** Web Engineering, Database Systems (DBMS), Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Software Engineering.

**Final Year Project:** Leading the development of a MERN Stack E-commerce Management System.

#### FSc Pre-Engineering | Govt. Islamia College, Saddar Cantt (2019 – 2021)