Muhammad Adeel

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Profession

MERN Stack Developer Introduction

I am a MERN Stack Developer with strong expertise in React.js, Node.js, Express.js, and MongoDB, specializing in building scalable, full-stack web applications. With hands-on experience in RESTful APIs, JWT authentication, and database optimization, I develop efficient and secure solutions. Proficient in front-end technologies (HTML5, CSS3, JavaScript, Tailwind CSS) and modern development practices, I ensure seamless user experiences. Trained at SMIT Peshawar, I am now transitioning into cybersecurity, where I aim to apply my development skills to identify vulnerabilities, enhance security protocols, and protect digital systems while continuously expanding my knowledge in this critical field.

Education

Bachelor of Computer Science — *AUP, Peshawar Oct* 2021 – *Jun* 2025

Web Developer—SMIT, Peshawar

Mar 2024 – *Feb* 2025

- · Gained strong proficiency in MongoDB for database management, including schema design, indexing,
- Mastered Express.js for building scalable backend APIs
- Developed dynamic, responsive interfaces in **React.js** using component-based architecture and state management.
- Acquired hands-on experience with **Git version control**, deployment strategies, and debugging too
- Enhanced understanding of the **Node.js** runtime environment for server-side programs
- Implemented authentication and authorization using JWT and OAuth for safety

Cources

Web Development (MERN Stack) [10 Mar 2025] - [25 Jan 2025]

- Developed strong proficiency in **MongoDB** for database management, including schema design, indexing, query optimization
- Built dynamic and responsive user interfaces in **React.js** using component-based architecture, state management
- Gained practical experience with **Git version control**, deployment strategies for web applications, and effective debugging within MERN stack projects.

Skills

- ☐ MERN Stack Development
- **React.js** Experienced
- HTML, CSS, JavaScript (ES6), Tailwind CS—Skilled in creating responsive layouts, printing

 Git & GitHub—
 Proficient in version control, branching strategies, and collaborative workflows.

 Deployment Experienced in deploying web applications using GitHub Pages and Vercel.

Projects

1. E-Tutor(MERN Stack) [20 Feb 2025] - [11 March 2025]

Technologies: React, Node.js, Express.js, MongoDB, Tailwind CSS

- Built a complete online tutoring platform with secure authentication, role-based authorization, and separate dashboards for students and tutors.
- · Added tutor application system with admin approval
- Integrated a real-time chat system for tutor-student communication with rule-based message handling.

Code Link: FRONT-END: [https://github.com/CodeWithAdeel1/E-Tutor.git]

Live Link: [https://e-tutor-seven.vercel.app/]

Back-end Code Link: [https://github.com/CodeWithAdeel1/E-Tutor-BackEnd.git]

2. Responsive Book Store [3 Mar 2024] - [7 March 2024]

Technologies: HTML, CSS, JavaScript

- Designed a responsive online bookstore with mobile-frie
- Optimized images and assets for faster loading and better performance.
- Improved accessibility and navigation for a smooth browsing experience.

Code Link: [https://github.com/CodeWithAdeel1/task04-html-css-responsive-book-store-website.git] Deployed On: [GitHub]

Live Link: [https://codewithadeel1.github.io/task04-html-css-responsive-book-store-website/]

3. E-Commerce Website [January 26, 2025] - [January 29, 2025]

Technologies: React.js using false API for products, Firebase for auth and authentication Key Features:

- Developed an e-commerce store with product listing, cart functionality
- ☐ Integrated Firebase Authentication for secure sign-in and protection ☐ Added client-side form validation and error handling for user inputs.

Code Link: [https://github.com/CodeWithAdeel1/E-Commerce.git]

4. Responsive Coffee Shop Website [June 26, 2024]

Technologies: HTML, CSS

- Created a cafe website with menu, services, and gal
- Designed a fully responsive layout for mobile, tablet, and
- Styled sections to highlight ambiance and improve user engagement.

Code Link: - [https://github.com/CodeWithAdeel1/task06-html-css-responsive-COFFEE-SHOP-website.git] Deployed On: [GitHub]

Live Link: [https://codewithadeel1.github.io/task06-html-css-responsive-COFFEE-SHOP-website/]

5. Product Catalog Website [10 Mar 2024] – [15 Mar 2025] Technnolgies:

HTMl,CSS, Bootstrap..

- Developed a responsive product
- Designed adaptive product
- Enabled users to explore products with clear visuals and organized categories.

Code Link: [https://github.com/CodeWithAdeel1/task05-html-css-responsive-product-catalogue-website.git] Deployed On: [GitHub]

Live Link: [https://codewithadeel1.github.io/task05-html-css-responsive-product-catalogue-website/]

6. Portfolio Website [Aug 16, 2024] - [Aug 20, 2024]

Technologies: React.js,lucide icons, Framer motions, Tailwind CSS

- Developed a responsive portfolio website to showcase projects, skills, and contact details.
- Added interactive JavaScript elements for navigation and smooth scrolling.
- Used Tailwind CSS for cross-device compatibility.

Code Link: - [https://github.com/CodeWithAdeel1/My-Portfolio.git]

Live Link: [https://my-portfolio-k00dslp5y-muhammad-adeels-projects-

11a8a174.vercel.app/]

7. Blog Website [1 Aug 2025]

Technologies: Node.js, Express.js, MongoDB

- ☐ Creating a Blog Website using Node.js, Express, MongoDb ☐ Implemented secure routing and server-side validation for users
- Build a clean UI and efficient backend for content management.

Code Link: [https://github.com/CodeWithAdeel1/Blog-Website.git]