

Hamza Ahmad Bhutta

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Maximized web efficiency and performance through strategic frontend optimizations. Significantly reduced operational costs and improved user engagement.

Education

National University of Computer and Emerging Sciences (FAST-NUCES)
Bachelor of Science in Computer Science
Courses ❖ Object Oriented Programming ❖ Parallel Distributed Programming
❖ Data Structures ❖ Artificial Intelligence
❖ Algorithm Design and Analysis ❖ Information Security
❖ Operating System ❖ Data Science
❖ Computer Networks ❖ Requirement Engineering and Analysis
❖ Software Engineering ❖ Deep learning for perception

(2018 - 2023)

Experience

Associate Software Engineer
AbsolutIT (Islamabad, Pakistan)
❖ Developed interactive web applications using React.js for optimal performance across various devices.
❖ Used React hooks and Redux for state management to enhance UI scalability and navigation.
❖ Implemented responsive design to ensure application compatibility with desktop, tablet, and mobile.
❖ Integrated RESTful APIs for dynamic data management, focusing on robust functionality and security.

(Mar 2023 – Present)

Skills

Programming Languages:	C++ , Python , JavaScript
Web Technologies:	React, Redux, HTML, CSS, Sass, JavaScript, Vite
Database Technologies	MySQL, MongoDB
Version Control:	Git, GitHub

Projects

- ❖ **Movie Database App:** Create an application that allows users to search for movies, view details, and browse top-rated movies using a public API like The Movie Database (TMDB). Implement a clean, engaging user interface and ensure seamless API integration.
- ❖ **Real-Time Currency Converter:** Build a currency converter that fetches real-time exchange rates from a free currency exchange API. Include functionalities for converting amounts between multiple currencies.
- ❖ **Recipe Book App:** Design an application where users can browse, search, and filter through recipes. Use local storage or Firebase for saving user favorites and managing user-generated content.
- ❖ **E-commerce Product Page:** Develop a dynamic product page for an e-commerce site, featuring image galleries, product details, reviews, and add-to-cart functionality. Focus on an attractive, user-friendly layout that enhances the shopping experience.
- ❖ **Fitness Tracker UI:** Create a frontend for a fitness tracker app that displays daily activity, nutrition, and progress charts. Use mock data to populate the interface and focus on creating an engaging, motivational user experience.

Achievement

- ❖ Optimized API calls and implemented advanced caching, reducing server load by 20%, enhancing system responsiveness, and decreasing hosting costs.
- ❖ Enhanced SEO and optimized web content, leading to a 15% increase in organic website traffic, which reduced dependency on paid advertising and lowered marketing expenses.

Certificates

- ❖ Meta Certified in Advance React Development (Sept 2023 - Oct 2023)
- ❖ Certified in Frontend Development Libraries (Aug 2023 - Oct 2023)
- ❖ DevOps Essentials (March 2024 - April 2024)