Muhammad **Farhan**

Bharakahu, Islamabad, Pakistan

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Age : 19Y 10M 10D | Gender: Male

Work Experience

PMAS ARID UIIT   *Rawalpindi*

MERN Stack Developer   *April 2024 - Current*

- ✓ Engineered a dynamic web application using the MERN stack, achieving a 25% improvement in page load times and enhancing user engagement.
- ✓ Developed a custom middleware to handle user sessions and authentication, integrating JWT and OAuth2 for secure access, which reduced authentication errors by 20%.
- ✓ Conducted database optimization by implementing efficient indexing and query strategies, resulting in a 30% reduction in response times for key endpoints.

Projects

Food App   *React.js, Node.js, MongoDB Altas*

Real Time Restaurant Application   *Github*

- ✓ Developed a desktop application using the MERN stack for "Abbasi Food," enabling restaurant employees to manage orders and streamline operations.
- ✓ Implemented server-side rendering to ensure fast load times and smooth performance.
- ✓ Designed the app to optimize order management and enhance restaurant workflow.

Netflix Clone   *React.js, Firebase*

Clone Application   *Github*

- ✓ Developed a Netflix clone focusing on the frontend using React.js to provide a sleek and responsive user interface.
- ✓ Utilized APIs from external websites to fetch movie and TV show data, creating a dynamic and engaging browsing experience.
- ✓ Integrated features such as search, personalized watchlists, and filtering by genre, enhancing user interaction.
- ✓ Designed the application with a modern UI to mimic the look and feel of a professional streaming platform.

Book App   *React.js, Node.js, MongoDB Altas*

Real Time Application   *Github*

- ✓ Developed a book app using the MERN stack, enabling users to search for books by name, author, or category and read them effortlessly.
- ✓ Integrated a robust search system to provide fast and accurate results, enhancing the user experience.
- ✓ Designed an admin panel for managing book listings, authors, and categories, allowing easy content updates and organization.
- ✓ Implemented user authentication and session management for secure and personalized reading experiences across devices.

Technical Skills

Strongest Areas	Data Structures, Algorithms ,Logics
Programming Languages	C/C++, Javascript, Python,Java
Libraries/Frameworks	React.js, Express.js, Node.js, Git,GitHub Desktop, HTML5, CSS3
Database	MongoDB, Firebase, SQLite

Education

PMAS ARID Agriculture University (UIIT Campus)   *Rawalpindi, Pakistan*

BSCS(4-years) continue 7th Semester   *Sep. 2021 - March. 2025*

- • 3.71/4.0 (current CGPA)

2024