**Muhammad Afnan**

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**WORK EXPERIENCE:**

**MERN Stack Developer**

**KnowledgeStream | Jul 2024 – Aug 2024**

- Developed and deployed full-stack web applications using MongoDB, Express.js, React.js, and Node.js, significantly improving system efficiency.

- Implemented an automated testing framework, achieving a 50% reduction in testing timeand 25% increase in test coverage.

- Optimized application performance, leading to a 30% decrease in latency and a 20% boost in user satisfaction.

- Designed and integrated RESTful APIs, enhancing data management and reducing server response times by 20%.

- Connected React.js components with backend services, improving frontend responsiveness and user interaction.

- Refined and optimized MongoDB schemas and queries, increasing data retrieval speed by 15%.

**PROJECTS:**

Online Shopping Platform

- Engineered a dynamic, user-friendly e-commerce website using PHP.

- Enabled user account creation, product browsing, shopping cart management, and secure checkout processes.

- Developed an intuitive admin interface for managing products, categories, orders, and users.

- **Key Technologies:**

- HTML/CSS: Structured and styled the user interface.

- JavaScript (Vanilla/JS Framework): Enhanced interactivity and user experience.

- Bootstrap: Ensured responsive design with pre-built components.

- AJAX: Improved UX with asynchronous data handling.

- PHP: Managed server-side operations and dynamic content rendering.

**CORE SKILLS:**

-Programming Languages: C, C++, C#, HTML, CSS, JavaScript, React.js

- Developer Tools: Git, GitHub, VS Code, Postman

-Frameworks: Express.js, Bootstrap

-Databases: MongoDB, SQL

**EDUCATION:**

Gomal University D.I.Khan

BS Software Engineering|

CGPA: 3.37

Completion Year: 2024