Muhammad Ibrahim

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● ABOUT ME

I am a dedicated and skillful computer software engineer with speciality in web development. I have been working in this field for over a year and posses strong understanding of frontend technalogy of React.js , backend technalogy node.js and database mongodb and i can create any type of website by following the standards of web .

● WORK EXPERIENCE

01/08/2023 – CURRENT Rawalpindi, Pakistan
MERN STACK DEVELOPER SOFIT CONSULTANCY TNG SERVICES

1. Full Stack Development: Developed full-stack web applications utilizing the MERN stack, ensuring responsive design and user-friendly interfaces.

2. Project Lifecycle Management: Participated in all phases of the project lifecycle, from requirements gathering and design to development, testing, and deployment.

3. API Design and Development: Designed and developed RESTful APIs using Node.js and Express.js, facilitating seamless data exchange between the client and server.

4. Database Management: Managed and optimized MongoDB databases, including schema design, data modeling, and query optimization to enhance application performance.

5. Front-End Development: Crafted dynamic and interactive user interfaces using React, incorporating state management tools like Redux when necessary.

6. Code Quality and Optimization: Ensured code quality and maintainability by implementing best practices, conducting code reviews, and optimizing performance.

7. Collaboration and Communication: Worked closely with cross-functional teams, including UX/UI designers and project managers, to ensure project requirements were met and to facilitate efficient workflow.

8. Problem-Solving: Actively engaged in troubleshooting and debugging, solving complex technical issues to improve application functionality and user experience.

09/08/2021 – 08/11/2021 Punjab, Pakistan
WEB DEVELOPER NATIONAL FREELANCING TRAINING PROGRAM

- Frontend Proficiency: Mastered HTML, CSS, and JavaScript, utilizing these core languages to craft engaging and responsive user interfaces for various web applications.
- React.js Expertise: Developed a deep understanding of React.js, harnessing its power to create dynamic and interactive components, thereby enhancing user experiences within web applications.
- Server-Side Implementation: Gained hands-on experience using XAMPP server, mastering its functionalities for local hosting and testing while comprehending server-side interactions within web development.

- Practical Application: Actively applied theoretical knowledge to practice by creating diverse websites, integrating the learned technologies to build functional and visually appealing web solutions.
- Collaborative Development: Engaged in collaborative projects, leveraging skills in HTML, CSS, JavaScript, and React.js within a team setting, fostering an environment conducive to learning and innovation.
- Problem-Solving Skills: Developed adept problem-solving abilities while troubleshooting and resolving issues encountered during website development, enhancing overall project efficiency.
- Responsive Design Implementation: Applied responsive design principles using CSS and frameworks like React.js to ensure seamless user experiences across various devices and screen sizes.
- Version Control and Deployment: Familiarity with version control systems, ensuring efficient project management, and practiced deployment methodologies for web applications.
- Project Diversity: Worked on a range of projects encompassing different industries or functionalities, broadening exposure and adaptability to varying client or project requirements.
- Continuous Learning: Maintained a proactive approach to stay updated with evolving web technologies and trends, cultivating a commitment to lifelong learning in the field of web development.

17/07/2023 – 17/09/2023 Bahria town Rawalpindi, Pakistan
BACKEND DEVELOPER SOFIT CONSULTANCY TNG SERVICES

backend (Node.js) developer paid internship:
- API Development: Designing, implementing, and maintaining RESTful APIs using Node.js to ensure seamless communication between the server and client-side applications.
- Database Management: Working with database MongoDB to create schemas, optimize queries, and manage data storage efficiently within the application.
- Server-Side Logic Implementation: Writing server-side logic using Node.js for handling application functionalities like user authentication, data processing, and business logic.
- Code Optimization and Performance Tuning: Identifying bottlenecks, enhancing code performance, and implementing best practices to ensure scalability and responsiveness of the application.
- Collaboration and Version Control: Collaborating with team members using tools like Git for version control, ensuring code consistency, and participating in code reviews to maintain code quality.
- Debugging and Troubleshooting: Identifying and resolving technical issues, debugging errors, and implementing solutions to enhance the overall stability of the application.
- Documentation: Creating comprehensive technical documentation (API documentation, system architecture, etc.) to facilitate future maintenance and development processes.
- Testing and Quality Assurance: Writing and executing unit tests and integration tests to ensure the reliability and robustness of backend functionalities.
- Adherence to Coding Standards: Following coding standards and best practices, ensuring clean, readable, and maintainable code.
- Learning and Adaptation: Staying updated with the latest technologies, frameworks, and industry trends in backend development to continuously improve skills and contribute innovative solutions.

EDUCATION AND TRAINING

08/08/2020 – CURRENT mardan, Pakistan
COMPUTER SOFTWARE ENGINEERING University of engineering and technalogy Mardan

Website https://www.uetmardan.edu.pk/

DIGITAL SKILLS

html │ css │ javascript │ React.js │ Node.js │ MONGODB │ php │ c language │ c++ │ Information security │ Networking │ Software project management │ Linux │ xampp server │ MERN Stack │ Frontend web developer │ Backend Developer │ Java │ Figma design │ Vue.js (Junior) │ PHP Framework Laravel │ Microsoft Office (Word , Excel and Power Point)

ADDITIONAL INFORMATION

PROJECTS

06/05/2023 – 06/06/2023
Shopping Website
- I developed a full shopping website using reactjs for frontend
- Implement backend in node.js where the actual logic i implement .
- Use mongodb as a database

10/07/2023 – 18/07/2023
Frontend website
- .i design frontend for a business website
- use react.js for development frontend

10/10/2023 – 03/11/2023
Quiz App
- i develop a quiz app in android studio java
- where user can attend multiple quizes related to english
- i used java language for this development
- soon i will publish it on playstore

03/08/2023 – 06/09/2023
Banking System
- My supervisor give me a task of developing backend for banking system .
- i use nodejs for developing backend and mongodb as a database

08/08/2023 – 11/10/2023
Api development i worked on different api during my intership program.
i developed weather, flight api to get weather details of a region and flight details of airports.

09/06/2022 – 12/07/2022
Car Rental system I worked on this project and this was my semester project of web development.

CERTIFICATIONS

07/03/2023 – 04/04/2023
Node.js Developer

- I attended and learned a lot about node.js , express js in this course.
- This course was offered by IBM on courseera

01/03/2023 – 24/03/2023
Introduction to cloud computing

I learned a lot in this course about clouds aws and how to store data on clouds

05/10/2023 – 08/11/2023
React js

i learned a lot about react js and how to design frontend and components usage

05/07/2021 – 05/11/2021
NFTP CERTIFICATE

- I learned a lot in this course about web development , html css and javscript
- i learned about wordpress also and practice different websites.