Muhammad Hamza

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I am a full-stack developer with expertise in developing web applications using modern technologies. I want to utilize my knowledge and skills to cope with the industry's challenges. I am sincere and forthright in my efforts and eager to learn more skills.

EDUCATION

University of Central Punjab, Lahore   Oct 2018 – Aug 2022
- Bachelor of Computer Science
- **Major**: Computer Sciences

Punjab Group of College, Lahore   Jan 2015 – May 2017
- Intermediate in Engineering

WORK EXPERIENCE

PHP/Laravel Developer
Navicosoft , Gulberg Lahore (Onsite)   December 2023 – Present
   Responsibilities:
- Designing and developing web applications using the Laravel framework, following best practices and coding standards. This includes implementing user interfaces, creating components, services, and modules.
- Collaborating with the design team to convert UI/UX designs into functional and visually appealing React components and templates. Ensuring the application's UI is responsive, user-friendly, and optimized for various devices and screen sizes.
- Identifying and debugging issues, fixing software defects, and ensuring the application's functionality meets the defined requirements.
- Working with version control systems like Git to manage source code and collaborate effectively with other team members. Participating in code reviews, providing constructive feedback, and ensuring adherence to coding standards and best practices.

Junior Web Developer (PHP/Laravel)
H-Tech Supports, Gulberg Lahore (Onsite)   August 2022 – Nov 2023
   Responsibilities:
- Designing and developing web applications using the Laravel framework, following best practices and coding standards. This includes implementing user interfaces, creating components, services, and modules.
- Collaborating with the design team to convert UI/UX designs into functional and visually appealing React components and templates. Ensuring the application's UI is responsive, user-friendly, and optimized for various devices and screen sizes.
- Integrating React applications with backend services by consuming RESTful APIs and handling data retrieval, manipulation, and presentation. This involves working with backend developers to define API contracts and ensuring smooth data flow between the frontend and backend systems.
- Identifying and debugging issues, fixing software defects, and ensuring the application's functionality meets the defined requirements.
- Working with version control systems like Git to manage source code and collaborate effectively with other team members. Participating in code reviews, providing constructive feedback, and ensuring adherence to coding standards and best practices.

Full-Stack PHP Developer
Reckon.pk, Lahore (Remote)   April 2021 – May 2023
     Responsibilities:

- Developed and maintained responsive web applications using PHP and SQL. Collaborated with thedesign team to implement user-friendly interfaces and enhance user experience.
- Implemented RESTful APIs to interact with backend systems and databases.
- Designed and developed efficient database schemas and wrote complex SQL queries for data retrieval and manipulation.
- Integrated third-party APIs and services to extend the functionality of the applications.
- Optimized application performance by analyzing and improving code and database queries.
- Worked closely with the QA team to identify and resolve software defects and implement necessary fixes.
- Participated in code reviews to ensure adherence to coding standards and best practices.

PROJECTS

Block Chain Based E-Voting System:

Immense research is being conducted on electronic voting systems that allow voters to vote in their spare time using mobile phones, computers, and other electronic devices. However, none of these technologies are significantly integrated due to the inherent security threats / concerns that these systems may pose to the integrity adjustment process. We are discussing an electronic voting system with a safer, more transparent, immutable, and more reliable block chain. As a result, as an alternative to the existing server-based online voting system, a blockchain-based online voting system was built in this study using distributed ledger technology. The Ethereum platform was chosen from among the several blockchain technologies for this study, and the voting system was built using smart contracts written in Solidity, Ethereum's programming language.

Key Achievements:-

Using a Block chain, the most important requirements are satisfied:

- Authentication: Only registered voters will be allowed to vote.
- Anonymity: The system prevents any interaction between the votes cast by the voters and their identities.
- Accuracy: Votes once cast are permanently recorded and cannot be modified or changed under any circumstances.
- Verifiability: The system will be verifiable such that the number of votes is accounted for.

SKILLS

- PHP, Laravel, Node.js, MySQL
- React
- Html, CSS, bootstrap, Tailwind CSS, JavaScript, jQuery, Ajax
- GitHub
- Trello