Portfolio
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Muhammad Ijlal

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I'm a full-stack blockchain alchemist, turning code into decentralized gold, scaling solutions that stand the test of time, and shipping smart contracts that never break a promise.

Education

- **B.Sc. Computer Science,** University of Engineering and Technology, Lahore. **CGPA:3.83/4.0** **2022–Present**
- **Fsc Pre-Engineering,** Government College University (GCU), Lahore. **A+ Grade** **2019–2021**

Work Experience

Mern Developer **DevArtitect** **Aug 2023 – Dec 2023**

- Created and optimized over 10 responsive web interfaces using React, ensuring smooth and engaging user experiences across various devices and screen sizes.
- Contributed to the creation and maintenance of server-side logic for more than 5 projects using Node.js and Express, facilitating robust data handling and seamless integration with MongoDB databases..
- Worked closely with team members to deliver end-to-end solutions, gaining hands-on experience in both front-end and back-end development while adhering to industry best practices and agile methodologies.

Teaching Assistant **University of Engineering and Technology, Lahore** **Jan 2024 – Jun 2024**

- Developed and conducted interactive workshops, quizzes, and coding exercises to reinforce key OOP concepts such as inheritance, polymorphism, and encapsulation.
- Assisted in curriculum development and assessment, contributing insights and recommendations to enhance the OOP course structure and content.
- About 80 percent of students scored A- and above.

Cyber Security Intern **Bytewise Limited** **Jun 2024 – July 2024**

- Improved the security of web applications by integrating best practices for secure coding, encryption, and authentication, aligning with blockchain's need for robust, secure web interfaces.
- Get trained to safeguard the company by training to prevent employee-driven security risks, such as avoiding the pitfalls of clicking on suspicious links and other unsafe online practices.

Technologies and Languages

- Languages: JavaScript, Html, Css, React, Solidity, Python, SQL, C#, C++
- Technologies: Node.js, Express.js, Web3.js, Truffle, Hardhat, Foundry, Ganache, Git

Personal Projects

- **Decentralized Voting System** This project is developed with scalability and cost efficiency in mind, featuring a design that eliminates iterative loops in transactions. This approach ensures that voting remains affordable and accessible, even as the number of participants grows, while maintaining robust performance and security.

- **Chai Dapp** This project is designed to introduce blockchain to everyday users in a seamless and approachable way. Blockchain is awesome, and most people are afraid when they hear the word crypto. By allowing users to do everyday task, like buy Chai, make payments, add tips, I believe it will improve Blockchain's acceptance and everyday use.
- **NFT MarketPlace** This NFT Marketplace offers a seamless platform for buying, selling, and discovering digital assets. Its user-friendly interface and secure infrastructure ensure an efficient and enjoyable experience for both creators and collectors, supporting a diverse range of NFTs.

Achievements

- Winner of 3 **Programming competitions** in 2024 alone.
- Recognized for academic excellence by **Governor of Punjab**, receiving laptop in acknowledgement of outstanding performance.
- Got a Special Prize from university due to **excellent Performance in PF and OOP**.
- Started doing Open Source Contributions on **Remix IDE recently,** just got my first pull request merged yesterday, more are on the way.