

ANWAR UL HAQ

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INTRODUCTION

Accomplished MS Computer Science graduate with 3+ years of expertise in JavaScript, MERN stack, React JS, Next Js development, and proficiency in Selenium-Java and Cypress Testing. Adept at crafting high-quality web applications, driving project success, and staying current with evolving technologies. Seeking impactful roles to apply skills and contribute to innovative projects.

WORK EXPERIENCE

WriteSea, New Jersey, US

August 2023 - December 2023

Automation Engineer

Internship

The following are my job duties in WriteSea as an Automation Engineer:

- Develop and maintain automated testing frameworks and tools, using programming languages and automation tools. Create and execute automated test cases based on test plans, ensuring consistent and repeatable testing.
- Maintain and enhance existing automated test scripts to reflect changes in functionality and optimize for efficiency. Manage test data, create data sets, and validate data accuracy during automated testing. Collaborate with QA and development teams, providing input on testability and attending design and code review meetings.
- Track and report defects found during automated testing, generating reports on test coverage and metrics. Integrate automated tests into CI/CD pipelines, working with DevOps teams for seamless execution in different environments.
- Conduct performance and load testing, analyzing metrics and providing optimization recommendations.

University of New Haven, Connecticut US

February 2022 - May 2023

Research Assistant

Part Time

- Analyzed the Non-Fungible Token (NFT) market, staying updated on emerging trends and technologies. Researched the underlying technologies for NFT development, identifying key blockchain platforms and protocols. Evaluated various technologies suitable for NFT creation, including block-chain networks (e.g., Ethereum, Binance Smart Chain) and associated smart contract languages.
- Assessed the competitive landscape of NFT platforms and marketplaces and Identified leading companies and their technology choices in the NFT space. Designed and developed a website for the university using WordPress and Elementor.
- Collaborated with stakeholders to gather requirements and ensure the website met the university's specific needs. Created and managed content for the university's website, ensuring timely updates and accuracy of information.

WriteSea, New Jersey, US

January 2021 - January 2022

Software Engineer

Full Time

- Spearheaded the design and development of the Front-End interface for the SAS platform, employing cutting-edge React.JS technologies to enhance the user experience for both writers and customers.
- Collaborated closely with cross-functional teams, including developers, designers, and product managers, to gather requirements, refine user stories, and facilitate a smooth development and testing workflow.
- Successfully delivered a visually appealing and highly responsive Front-End interface that significantly improved user engagement and satisfaction, contributing to the platform's overall success.
- Played a pivotal role in ensuring the quality of new platform features by meticulously conducting manual testing and authoring comprehensive test scripts, effectively identifying and rectifying issues in a timely manner.

- Actively contributed to the continuous improvement of testing methodologies and strategies, incorporating industry best practices and staying updated on emerging trends in front-end development and automation testing.

CodeAutomation, Lahore, Pakistan
Software Engineer

September 2019 - January 2021
Full Time

- Designed and developed the company's website using the MERN (MongoDB, Express.js, React.js, Node.js) stack, ensuring a seamless and responsive online presence that aligns with organizational objectives.
- Collaborated on outsourced projects for clients in the United States, leveraging MERN Stack technologies to deliver robust web solutions that met client requirements and standards.
- Demonstrated proficiency in automation testing by utilizing Selenium, Java, and Cypress.io, contributing to improved test efficiency and accuracy in project deliverables.

Zaryans Consulting pvt, Islamabad, Pakistan
Software Engineer

July 2018 - September 2019
Full Time

- Spearheaded front-end development for the company's ERP-based product, specializing in React.JS. Wrote and maintained React components using JSX syntax and the React API, ensuring the product's user interface was feature-rich and user-friendly. Collaborated seamlessly with cross-functional teams to integrate RESTful APIs and back-end services, enabling dynamic data retrieval and display, and implemented responsive design principles for optimal user experiences across diverse devices and screen sizes.
- Implemented responsive design techniques to guarantee a consistent and pleasant user experience across various devices and screen dimensions.
- Actively engaged with development team members to construct a scalable, maintainable, and high-quality application, emphasizing best practices in code quality and collaboration.

EDUCATION

University of New Haven, Connecticut US
MS Computer Science

January 2022 - December 2023

National College of Business Administration & Economics, Pakistan
BS Computer Science

September 2013-October 2017

TECHNICAL STRENGTHS

Front-End	ReactJS,NextJS,JavaScript,HTML5,CSS3,Bootstrap, Redux, Material UI, Tailwind CSS
DataBase	MySQL/MariaDB, MongoDB, SQLite, Redis
Kubernetes	DevOps, CI/CD, Cluster & Workload Management, Terraform, Kustomize
Ethereum Blockchain	Crypto Tokens, Solidity Smart Contracts, Web3.JS, Geth, Infura, NFTs
Automation Testing	Cypress, Selenium, Appium