MUHAMMAD WALEED

PHONE: +923304264949   **EMAIL: waleedrahat248@gmail.com**

SUMMARY

- Overall **4 years** software development experience in Frontend development using **React .**
- Demonstrated expertise with **4 years** of experience, encompassing complex **web app development**, **responsive layouts** and animations.
- Proficient in managing application state effectively using **Redux**, ensuring seamless data flow and centralized state management in React applications.
- Experienced in implementing **Redux Saga** to handle side effects, asynchronous actions, and complex data flows, enhancing the reliability and performance of React apps.
- Proficient in writing **clean**, **maintainable code**, enhancing the functionality and performance of React N applications.
- Proficient in **Node.js** for creating efficient server-side components, enabling seamless front-end and back-end communication.
- Experienced in deploying, scaling, and managing React applications on **AWS** and **Azure** for optimal performance and scalability.
- Proven ability to create apps that run seamlessly on all browsers using React.
- Dedicated to staying current with emerging technologies and best practices in the React ecosystem.
- Effective collaboration with UI/UX designers to ensure superior user experiences.
- Skilled in optimizing React apps for superior performance, including **memory management** and rendering enhancements.
- Expertise in **Git** and collaboration tools for efficient teamwork and code management.
- Proficient in implementing **GitFlow**, a branching model for version control, to facilitate a structured and organized collaborative development process, ensuring code quality and version management in team projects.
- Committed to maintaining clear and comprehensive documentation for code and architectural decisions.
- Active participation in the React community through contributions and engagement.
- Skilled in **HTML**, **JavaScript**, **JSON**, and **JQuery**, facilitating the creation of dynamic and interactive web applications.
- Proficient in building and consuming **REST APIs** to enable seamless data exchange between the front-end and back-end.
- Proficient in **Flux architecture** and **design patterns**, ensuring robust and scalable React app development through code reusability.
- Expert in enhancing React app **performance** using **memoization** and **lazy loading** techniques for efficient rendering and resource management.
- Extensive experience working with **MySQL** and **MongoDb** databases, ensuring robust data storage and retrieval..
- Proven ability to work effectively in cross-functional teams, fostering collaboration and knowledge sharing.
- Strong analytical skills to identify and resolve complex issues efficiently.
- Excellent time management skills to meet project deadlines and deliver high-quality results.
- Demonstrated ability to think critically, assess situations, and make informed decisions.
- Proficient in API development using **Node.js** and deployment on cloud platforms such as **AWS** and **Azure**.
- Skilled in setting up distribution pipelines and workflow management using **CI/CD** tools for React builds.

SKILLS

Languages: TypeScript, JavaScript, Python

Technologies: Axios, Redux, Redux Saga, React, React Router, Web Services, SQL, REST API

Databases: MySQL, MongoDB

Web Technologies: HTML, JavaScript, JSON and JQuery, ReactJS

Frameworks/Tools: NodeJS, ReactJS, NextJs

IDEs/Tools: XCode, Visual Studio Code, Postman, Swagger API, GIT, Bit Bucket, Jenkins CI/CD, JIRA .

Software Methodologies: Agile, Waterfall.

Soft Skills: Collaboration, Problem Solving, Time Management and Critical Thinking

Additional Skills: Web App Deployment, Styled Components, SASS, Bootstrap, Material UI

WORK EXPERIENCE

Senior Frontend Developer

Jan 22 – Present

EwareNet- Islamabad, PK

- Collaborated with the development team to create SaaS products.
- Established ESlint rules for React and Node repositories.
- Gained experience in working with Git, Bitbucket, and Agile processes.
- Tracked and reported bugs using Jira and Confluence pages.
- Worked with different projects in different stacks like Node.js, React and NextJs.
- Ensured a seamless user experience by adapting the app's functionality based on the user's access level, in alignment with the organization's access policies.
- Implemented functionalities following best practices , KISS and DRY code principles.
- Utilized state management techniques with Redux to handle complex data interactions and maintain a robust user interface.
- Used AWS services S3,EC2,RDS,DynamoDB,Lambda ,Elastic Beanstalk ,Amazon Simple Email Service and EC2 image builder.
- Collabrated with UX/UI designers to create an appealing interface that facilitates fast deliveries,parcel tracking, and hasle-free returns, contributing to a positive user experience .
- Used server-side rendered solution (Next.js) for the website.
- Actively participated in Agile methodologies, contributing to sprint planning, stand-ups, and retrospectives, ensuring the timely development and release of app features.
- Used a caching system to query only relevant data.
- Optimized a front-end app performance to 80% efficiency
- Reduxified the whole application .
- Wrote around 30+ custom hooks.
- Wrote private library to use across all the repos
- Wrote multiple API's in PHP , MySQL .
- Employed Redux for state management, enabling synchronized cart and favorites across devices, empowering users to seamlessly continue shopping across platforms..
- Integrated CI/CD pipelines to automate the deployment process, ensuring rapid updates and continuous improvement of the Web Apps.

Frontend Developer

Aug 20 – Dec 21

London Web World, Remote

- ➢ Followed best practices for version control and code collaboration, utilizing tools like Git for efficient development workflows.
- ➢ Worked with a diverse range of technologies mainly Javascript and its frameworks .
- ➢ Hosting in different servers , linux , shell scripting .
- ➢ Developed robust and efficient APIs using Node.js and Express.js, seamlessly integrating them with the Web Apps to enable data retrieval and manipulation.
- ➢ Organizing data with REST, JSON, and XML, streamlining access to information.
- ➢ Implemented tech for forwarding insurance details by email, optimizing user convenience, and employing Gitflow for version control and CI/CD pipelines.
- ➢ Provided quick access to policy numbers, optimized data handling with ExpressJS and NodeJS
- ➢ Troubleshooted bugs in the application and wrote a root cause analysis for them.
- ➢ Optimized MySQL queries to enhance database performance.
- ➢ Enabled easy auto-renewal cancellation, granting users control over policies and payments.
- ➢ Implemented breakdown assistance, enhancing user safety and security.
- ➢ Streamlined sign-up with email-based login, eliminating password hassles.
- ➢ Utilized Redux and Redux Saga for state management.

Junior React Developer

Nov 19 – July 20

London Web World, Remote

- ➢ Played a pivotal role in the development of robust APIs using Node.js and Express.js, connecting the mobile app to the MongoDB database, ensuring seamless data retrieval and manipulation.
- ➢ Diligently optimized app performance, including navigation, responsiveness, and efficient functionality execution, with a strong focus on maintaining code quality through Lazy Loading and Memoization.
- ➢ Implemented stringent security practices, including SSL/TLS encryption and regular security audits, to safeguard user data and ensure the protection of sensitive information within the Web App.
- ➢ Implemented JWT and authentications in React and Node.
- ➢ Implemented pixel-perfect designs.
- ➢ Wrote REST API maintaining authorization and authentication for complex user roles.
- ➢ Leveraged version control systems like Git to manage codebase efficiently, enabling collaboration and streamlined code integration across teams.
- ➢ Developed pieces of the hybrid app such as "share via," "upload an image," and more.
- ➢ Collaborated with stakeholders to identify and document customer requirements
- ➢ Developed a secure authentication system to protect customer data
- ➢ Developed a RESTful API that served as the backend for a web application, improving scalability and reducing latency.
- ➢ Optimized code to reduce system resource usage.
- ➢ Built scalable RESTful APIs and secure point-to-point integrations with strategic partners.
- ➢ Delivered on weekly scrum sprints in collaboration with team of 10.
- ➢ Analysing business requirement and preparing the understanding business document.
- ➢ Estimating the efforts for new requirements.
- ➢ Implement front-end GUI using HTML, CSS, and JS.
- ➢ Performed Front-end validations with JavaScript and JQuery.
- ➢ Involved in handling support and enhancement Tickets.
- ➢ Created web form network for Medical Hospital.
- ➢ Interacting with client to resolve the issues under the strict go-live deadlines.

PROJECTS

ImproveTheNews.org –News Agregator
https://www.improvemynews.com/
Improvethenews is about stories across the whole political spectrum from unbiased sources.
Frontend: NextJs
Backend: PHP
Database: MySQL
Libraries: Material MUI

StoryEditor – Editor's Panel
http://ec2-3-143-147-250.us-east-2.compute.amazonaws.com/story_editor/login
Editor panel for creating stories,biases and podcasts.

Private UI Component Library – Storybook
http://ec2-3-14-152-125.us-east-2.compute.amazonaws.com/storybook/silverboyir/index.html?path=/story/fact--basic
We have most of the reusable components separately in the storybook. So, we can work on the components like to make new versions and include them in multiple websites when needed simply.

ShareWell – Mental Health Support
https://www.sharewellnow.com/
Online sessions for mental health support .
Frontend:NextJs.
Libraries: Zustand as state management library.
Styling: Tailwind CSS.
Application was deployed on Digital Ocean.
There were some worker jobs that send email upon some events, daily mails, weekly and monthly as well.
Contributed to the creation of a secure and intuitive platform, enabling users to take control of their health data and facilitating informed decisions about their family's well-being.

Quadrabase –Unique platform to generate complex construction documents for architects.
https://www.quadrabase.fr/
Improvethenews is about stories across the whole political spectrum from unbiased sources.
Frontend: ReactJs
Backend: NodeJs
Database: MySQL
Libraries: Lodash and CoreJs

QUALIFICATIONS

Qualification

University of Narowal
Software Engineering..