

Syed Mobashir

Software Engineer

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SUMMARY

Software Engineer with 3 years of experience designing and delivering responsive, high-performance, user-focused web applications. Proficient in JavaScript, TypeScript, React.js, Redux, and Tailwind CSS, with a strong focus on building scalable and maintainable frontend architectures while optimizing application performance. Experienced in applying modern UI/UX best practices to create intuitive, accessible, and visually engaging interfaces. A collaborative team player who works closely with cross-functional stakeholders to deliver clean, reliable, and production-ready code that enhances overall usability and functionality. Passionate about leveraging modern frontend technologies to build efficient and inclusive digital experiences.

EXPERIENCE

Narsun Studios

Software Engineer

Aug 2024 – Present

Lahore, PK

- Developed and maintained scalable, high-performance frontend applications using React.js and TypeScript, supporting over 10+ production features across multiple modules.
- Implemented Redux for state management, reducing state-related bugs by approximately 25% and improving application maintainability.
- Standardized a reusable component library using Tailwind CSS, reducing cross-browser issues by 20% and improving page load times by 15%.
- Integrated RESTful APIs and collaborated with backend engineers to deliver features with a 99% data consistency rate across environments.
- Optimized frontend performance through efficient rendering, lazy loading, and refactoring, resulting in faster initial load times and improved Lighthouse performance scores.
- Participated in code reviews and Agile sprint ceremonies, contributing to improved sprint delivery accuracy and consistent adherence to frontend best practices.

Hubble42

Associate Software Engineer

Jan 2024 – Aug 2024

Lahore, PK

- Contributed to the development and maintenance of frontend applications using React.js and TypeScript, delivering 8+ feature enhancements under senior engineer supervision.
- Assisted in implementing Redux for state management, improving data flow predictability and reducing redundant API calls by 15%.
- Developed responsive user interfaces using Tailwind CSS, achieving consistent behavior across major browsers and devices.
- Integrated RESTful APIs and collaborated with backend engineers to implement frontend features, improving feature delivery turnaround time.
- Participated in code reviews, debugging, and refactoring, helping reduce frontend defects and improve overall code quality.

- Developed and maintained scalable frontend applications using React.js and JavaScript, supporting 5+ client-facing projects from development to deployment.
- Implemented global state management using React Context API, reducing prop drilling and improving code maintainability by approximately 30%.
- Built responsive user interfaces using Bootstrap and JavaScript, achieving 98% cross-browser compatibility and improving accessibility scores by 15 points via Lighthouse audits.
- Integrated RESTful APIs in close collaboration with backend engineers, optimizing frontend performance and reducing page rendering issues across production builds.

PROJECTS

SUPR MNT | *JavaScript, React, Redux Toolkit, Socket.IO, Tailwind CSS, Axios, Phantom Wallet*

- Implemented secure user authentication and authorization with manual login/sign-up and Google OAuth, ensuring seamless and reliable user access.
 - Developed social networking features, enabling users to create connections, send, receive, and manage friend requests, and build interactive relationships.
 - Built community management functionality, allowing users to create communities, send and manage community invitations, control memberships, and assign roles such as members and moderators.
 - Integrated NFT creation and discovery features, enabling users to mint NFTs using custom wallets and Phantom Wallet, share NFTs across multiple communities, and explore newly created NFTs.
 - Created comprehensive profile management, allowing users to create, update, and personalize their profiles.
 - Implemented real-time notifications using Socket.IO, enabling users to receive, accept, or reject friend and community requests with instant updates.
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DGA | *JavaScript, React, Redux Toolkit, Socket.IO, Tailwind CSS, Axios, tsparticles*

- Developed an article display system where content is created and managed via an admin panel, including structured chapters and detailed article sections.
 - Implemented multilingual support (English and Arabic), ensuring proper content rendering and language-specific user experience.
 - Integrated text-to-speech functionality with play, pause, stop, and speech rate controls to enhance accessibility.
 - Implemented real-time, AI-powered article summarization using Socket.IO, streaming generated summaries word-by-word at runtime to provide an interactive and progressively rendered user experience.
 - Enabled article sharing via Gmail, allowing users to seamlessly send articles and chapter details to external recipients, improving collaboration, content distribution, and user engagement.
 - Added interactive particle background effects to enhance visual appeal and user experience, creating a more engaging and friendly interface.
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DGA Admin Panel | *JavaScript, React, Redux Toolkit, Tailwind CSS, Axios*

- Implemented a role-based admin panel with secure authentication, supporting Super Admin and Admin roles, including sign-up, login, password recovery with proper authorization, validation, and error handling.
- Super Admin can controls to block, delete, and manage users and admin accounts, while enabling Admin-level functionality to manage users and create, edit, and publish articles with structured chapters and image support.

- Created article creation and publishing workflows, allowing admins to add chapter-based content, media assets, and control publication status efficiently.
- Implemented multilingual support for English and Arabic, ensuring proper localization, consistent content display, and seamless user experience across languages.
- Ensured secure access control, form validation, error handling, and role-based permissions, following best practices to maintain platform security, usability, and maintainability.

Kickoff Admin Panel | *JavaScript, TypeScript, React, Socket.IO, Context API, Tailwind CSS, Axios*

- Implemented a secure, role-based admin panel supporting Super Admin, Admin, and Owner roles, including sign-in, forgot password, and reset password authentication workflows.
- Applied dynamic role-based access control, conditionally rendering pages and features to enforce proper authorization and platform security.
- Built Super Admin functionality to create, edit, block, and manage Admins and Owners, while enabling Admin-level user and owner management capabilities.
- Created court management features, allowing Super Admins and Admins to create courts with detailed configurations such as owner assignment, slot durations, seating capacity, and pricing.
- Implemented real-time notifications using Socket.IO and multilingual support (Arabic and English) to deliver instant system updates and a consistent localized user experience.

Scrapyard | *JavaScript, TypeScript, React, Redux Toolkit, Google Maps, Tailwind CSS, Axios*

- Implemented user authentication workflows, including sign-up, login, password recovery, and reset, ensuring secure access and proper validation.
- Built an auction system where users can create, bid on, and manage auctions for various items such as electronics, fashion, and more.
- Created auction winner logic, automatically determining the highest bidder at the end of each auction and managing item assignment.
- Configured a scrap selling feature, enabling users to sell scrap materials through the platform efficiently.
- Implemented multilingual support for English and Arabic, ensuring proper localization and a consistent user experience across languages.

SKILLS

Technical Skills: JavaScript, TypeScript, HTML5, CSS3, React.js, Redux Toolkit, Socket.IO, React Router, RESTful APIs, GraphQL, Component-Based Architecture, Responsive Web Design, Bootstrap, Tailwind CSS, Lazy Loading, Code Splitting, Context API, Git, GitHub, Blockchain, Web3.js, Smart Contract Integration

Non-Technical Skills: Agile/Scrum collaboration, Cross-functional teamwork, Problem-solving and debugging, Clean code and documentation practices, UI/UX attention to detail, Time management, Effective communication

Project Management Tools: Jira, GitLab, GitHub

EDUCATION

University of the Punjab
Bachelor of Science in Information Technology (BSIT), CGPA: 3.1

Sep 2018 – Apr 2022
Lahore, PK