

Khawar Ilyas

Senior Software Engineer | Full Stack Developer | MERN | MEAN | React JS | Angular | Node JS | Next JS | Nest JS | JavaScript | Typescript | Express JS | Electron JS | JQuery | Jest | Cypress | HTML | CSS | Bootstrap | MongoDB | MySQL | Firebase | Socket.io | Redis | Docker | Kubernetes | CI/CD | ClickUp | RabbitMQ | Kafka | AntDesign | Material UI | AWS | Git | GitHub |



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/khawar-ilyas



Pakistan

PROFILE

Highly skilled and motivated Senior Software Engineer with 7+ years of experience in deploying web applications. Strong knowledge of Full stack developer (React JS, Angular, Node.js, Next JS and Nest JS). Proven ability to work in a fast-paced environment and deliver high-quality results on time. Seeking a challenging role in a dynamic company where I can utilize my skills and experience to contribute to the growth of the organization.

PROFESSIONAL EXPERIENCE

Nov 2021 – present

Senior Software Engineer (MERN / MEAN)

Expert System Solution (ESS)

As a Senior Software Engineer, some of my roles and responsibilities are as follows;

- Led the development of a scalable web application using the MERN/MEAN stack, collaborating closely with cross-functional teams including designers and product managers.
- Implemented new features and functionalities, focusing on both front-end and back-end development using React.js/Angular, Node.js, Express.js, and MongoDB/MySQL.
- Optimized application performance and enhanced user experience through code refactoring, performance tuning, and UI/UX improvements.
- Integrated third-party APIs and services to extend application capabilities and improve data synchronization and processing.
- Implemented authentication and authorization mechanisms, ensuring data security and user privacy compliance.
- Designed and maintained database schemas, implemented data validation and sanitization, and optimized database queries for improved efficiency.
- Implemented CI/CD pipelines using tools like Jenkins or GitLab CI/CD to automate build, test, and deployment processes, reducing time-to-market and enhancing development workflow.
- Conducted code reviews, provided mentorship to junior team members, and facilitated knowledge sharing sessions to promote best practices and maintain code quality standards.
- Collaborated with stakeholders to gather requirements, define project scope, and prioritize tasks in Agile/Scrum environments, ensuring alignment with business objectives and delivering high-quality solutions on time.

Skills: React JS, Angular, Next JS, Node.js, Nest.js, JavaScript, TypeScript, MongoDB

Jul 2019 – Oct 2021

Full Stack Developer (MERN / MEAN)

Ecologix

- Developed and maintained full-stack web applications using the MERN/MEAN stacks (MongoDB, Express.js, React.js/Angular, Node.js).
- Implemented responsive and intuitive user interfaces utilizing HTML5, CSS3, and JavaScript frameworks like React.js/Angular.
- Integrated RESTful APIs and GraphQL endpoints to facilitate data exchange between the front-end and back-end systems.
- Designed and optimized database schemas using MongoDB or SQL databases like MySQL/PostgreSQL to ensure efficient data storage and retrieval.
- Implemented authentication and authorization mechanisms using JWT tokens or OAuth for secure user authentication and access control.
- Utilized Git for version control, collaborating with cross-functional teams to ensure code quality and adherence to project timelines.
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using tools like Jenkins or GitLab CI for automated testing and deployment.
- Collaborated closely with designers to translate UI/UX designs into functional front-end components, ensuring pixel-perfect implementation and adherence to design specifications.
- Worked in an Agile environment, participating in sprint planning, daily stand-ups, and retrospective meetings to drive project progress and address any blockers or challenges.
- Conducted code reviews and provided constructive feedback to peers, contributing to a culture of continuous improvement and knowledge sharing within the development team.

Skills: React JS, Angular, Next JS, Node.js, Nest.js, JavaScript, TypeScript, MongoDB

Mar 2017 – Jun 2019

Frontend Developer (JavaScript, HTML, CSS)

Bester Capital Media

As a Frontend Developer, some of my roles and responsibilities are;

- Developed responsive and pixel-perfect user interfaces using HTML, CSS, and JavaScript.
- Collaborated closely with designers to implement UI/UX designs and ensure consistency across different browsers and devices.
- Implemented client-side interactivity and dynamic content using JavaScript and libraries such as React.js or Vue.js.
- Utilized CSS preprocessors like Sass or LESS to streamline styling and maintainable CSS code.
- Integrated with backend APIs to fetch and manipulate data, utilizing tools like Axios or Fetch API.
- Participated in code reviews to ensure code quality, readability, and adherence to coding standards.
- Implemented accessibility best practices to ensure inclusivity and compliance with WCAG guidelines.
- Optimized website performance by minimizing page load times, optimizing assets, and leveraging browser caching techniques.
- Collaborated with cross-functional teams, including designers, backend developers, and QA engineers, to deliver high-quality web applications on time and within scope.

- Actively engaged in learning and professional development to stay updated with the latest web development trends, technologies, and best practices.

Skills: JavaScript, Bootstrap, HTML, CSS, JQuery

EDUCATION

Feb 2013 – Jan 2017

Bachelor's in Software Engineering
FAST NUCES, Lahore

Lahore, Pakistan

SKILLS

| | | | |
|------------|-----------|---------------|-----------|
| JavaScript | ● ● ● ● ● | Typescript | ● ● ● ● ● |
| React JS | ● ● ● ● ● | Next JS | ● ● ● ● ● |
| Angular | ● ● ● ● ● | Node.JS | ● ● ● ● ● |
| Nest.JS | ● ● ● ● ● | Electron JS | ● ● ● ● ● |
| Express JS | ● ● ● ● ● | Material UI | ● ● ● ● ● |
| Bootstrap | ● ● ● ● ● | MongoDB | ● ● ● ● ● |
| MySQL | ● ● ● ● ● | JQuery | ● ● ● ● ● |
| HTML | ● ● ● ● ● | CSS | ● ● ● ● ● |
| Redux | ● ● ● ● ● | Recoil | ● ● ● ● ● |
| AWS | ● ● ● ● ● | AntDesign | ● ● ● ● ● |
| Socket.io | ● ● ● ● ● | ClickUP | ● ● ● ● ● |
| RabbitMQ | ● ● ● ● ● | Kafka | ● ● ● ● ● |
| Redis | ● ● ● ● ● | Docker | ● ● ● ● ● |
| Kubernetes | ● ● ● ● ● | Microservices | ● ● ● ● ● |
| Trello | ● ● ● ● ● | Git/GitHub | ● ● ● ● ● |
| CI/CD | ● ● ● ● ● | Firebase | ● ● ● ● ● |

PROJECTS

Bakaanimzia

Tech Stacks: React JS, Node JS, Express JS, MongoDB

Description: Bakaanimzia is an entertainment website featuring favorite shows and their tracking. It's built using React, Express, MongoDB, and Node. JS There are two versions, one for users and one for admins. Users can add shows to their favorites, search for series by name and genre. The site categorizes shows as Popular, Completed, and Ongoing, and admins manage these sections by creating, updating, or deleting content.

- **User and Admin Versions:** Dual interfaces for users and administrators, allowing series management.
- **Favorite Shows:** Users can add favorite series to their list for easy access.

- **Search Functionality:** Users can search series by name and genre, enhancing content discovery.
- **Admin Control:** Administrators oversee and maintain content, with the ability to create, update, or delete series.
- **Content Sections:** Series are categorized as Popular, Completed, and Ongoing, each managed by admins for a seamless user experience.

LieferHome

Tech Stacks: React, Node.JS, Express.JS, Next js, Navigation v5, Redux, Redux-Thunk, Firebase Authentication, Cloud Firestore, Google Places API, Elastic Search

Description: Lieferhome is a start-up in Darmstadt, Germany. The app is very similar to other food ordering platforms and has independent apps for restaurants, riders, and administrators of the app. I kicked off the development of this project from scratch and within 6 months we had the whole system live.

Pulse

Tech Stacks: React, MaterialUI, MERN Stack, REST API's, MongoDB, Express JS, AWS

Description: Pulse is a data scraping tool built on the React technology stack. It's designed to extract and analyze relevant posts from various sources, including Twitter, Reddit, News, and YouTube, based on user-specified keywords.

- **Pulse:** A data scraping tool developed with React.
- **Multiple Data Sources:** Extracts data from Twitter, Reddit, News, and YouTube.
- **Keyword-Focused:** Allows users to specify keywords for data extraction.
- **Sentiment Analysis:** Categorizes posts as positive, negative, or neutral and provides engagement metrics.
- **Visual Data Representation:** Offers graphical visuals to track post performance and includes flexible filtering options for data analysis.

Freefinds (Admin-Panel)

Tech Stacks: React, Express.js, MongoDB, Node.js, AWS, Docker

Description: Both Freefinds and Finage/Service on Demand/Handyman Admin Panels utilize React, Express, MongoDB, and Node. Freefinds administers post approval or disapproval to maintain content quality. The Finage/Service on Demand/Handyman Admin Panel manages personnel, user restrictions, and service categories, ensuring platform responsiveness and user satisfaction.

- **Freefinds (Admin-Panel):** Utilizes React, Express, MongoDB, and Node for admin tasks. It focuses on post approval or disapproval to maintain content quality.
- **Finage/Service on Demand/Handyman (Admin-Panel):** Also built using React, Express, MongoDB, and Node, this admin panel empowers administrators to manage personnel, impose restrictions based on user behavior, and add diverse categories and languages for service listings.

These admin panels serve essential roles in content moderation and platform management, ensuring quality and user control.

LANGUAGES

English