

# M Kahfulwara

*Senior Software Engineer / Full Stack Developer / React JS / React Native / Node JS / Next JS / JavaScript / TypeScript / MongoDB / Express JS / Socket.io / Firebase / Bootstrap / HTML / CSS / Docker / Kubernetes / AWS / GitHub*

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## Profile

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Experienced and Innovative Full Stack MERN Developer with over 8 years of hands-on expertise in crafting dynamic and user-centric web applications. Throughout my journey, I have successfully navigated the ever-evolving landscape of web technologies, honing my skills in React JS, Node JS, Express JS and MongoDB. With a solid foundation in both front-end and back-end development, I bring a holistic approach to problem-solving, architecting solutions that seamlessly integrate user experience with robust functionality. With an unwavering dedication to quality, performance, and innovation, I am eager to continue pushing the boundaries of what's possible in the realm of web development.

## Education

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lahore, Pakistan

**BS Computer Science**

*University of central Punjab*

## Professional Experience

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2022 – present

lahore, Pakistan

**Senior Full Stack Developer (MERN Stack)**

*Algonaut Capital*

### Responsibilities

- Lead the end-to-end development of complex web applications for the back end and front end using MERN stack.
- Architect and design scalable and maintainable software solutions that meet business requirements and align with best practices.
- Collaborated closely with cross-functional teams, including product managers, designers, and other developers, to gather and understand project requirements.
- Created responsive and user-friendly front-end interfaces using React.js, considering user experience and accessibility.
- Optimized application performance through database query optimization, caching mechanisms, and codebase refactoring.
- Lead code reviews, providing constructive feedback and ensuring adherence to coding standards, scalability, and maintainability.
- Collaborated with teams to establish CI/CD pipelines, automate deployment processes, and ensure application reliability.
- Troubleshoot complex technical issues, identify bottlenecks, and propose solutions to enhance application performance and stability.

2020 – 2022

lahore, Pakistan

**Full Stack Developer (React JS, React Native, Node JS, MongoDB, Docker)**

*qordata*

### Responsibilities

- Developed and maintained end-to-end web applications using MERN for the back end, React.js for the front end, and MongoDB as the database.

- Designed and implemented responsive and visually appealing user interfaces using React.js, ensuring seamless navigation and engaging user experiences.
- Collaborated with UI/UX designers to translate wireframes and mockups into functional front-end components.
- Utilized Docker to containerize application components, ensuring consistent deployment across various environments and reducing deployment issues.
- Optimized applications for performance, considering caching mechanisms, database indexing, and efficient algorithms.
- Implemented unit tests and integration tests for both front-end and back-end components to ensure code quality and functionality.
- Assisted in tasks, including deployment using Docker containers, continuous integration, and continuous deployment pipelines.
- Mentor and guide junior developers, sharing knowledge and best practices to foster a collaborative and growth-oriented team environment.
- Document codebase, architecture decisions, and processes for effective knowledge sharing and onboarding.

2017 – 2020  
lahore, Pakistan

### **Web Developer ( React JS, React Native, Node JS)**

*Netsol*

#### **Responsibilities**

- Developed and maintained JavaScript applications according to project requirements.
- Collaborated with senior developers to design and implement software solutions.
- Assisted in the development of front-end interfaces using HTML, CSS, and JavaScript frameworks.
- Implemented functionality and resolved bugs through code troubleshooting and debugging.
- Conducted thorough testing and quality assurance of software applications.
- Participated in code reviews to ensure adherence to coding standards and best practices.
- Developed and maintained both front-end and back-end components of web applications using React.js and Node.js, ensuring high performance and responsiveness.
- Collaborated with cross-functional teams, including UI/UX designers, product managers, and other developers, to understand project requirements and translate them into functional features.
- Designed and implemented user-friendly, interactive, and visually appealing front-end interfaces using React.js, ensuring seamless navigation and engaging user experiences.
- Created robust and scalable APIs and back-end services using Node.js, handling data manipulation, authentication, authorization, and server-side logic.

2015 – 2017

### **Software Developer (HTML, CSS, JavaScript, React JS, React Native )**

*Innovadel Technologies*

#### **Responsibilities**

- Developed applications and scripts for various use cases, ranging from web development to automation.
- Integrated data storage solutions, such as databases or APIs, into applications for data retrieval and manipulation.
- Write efficient, readable, and reusable code, following coding standards and industry best practices.
- Developed interactive and dynamic user interfaces using JavaScript frameworks like React and Vue.js.
- Collaborated with design and back-end teams to translate UI/UX wireframes into functional and visually appealing web applications.
- Integrated front-end applications with back-end APIs, ensuring seamless data exchange and user experiences.
- Developed and maintained HTML/CSS code for web applications, ensuring consistent and responsive designs.

- Optimized web pages for fast loading times and efficient rendering across various browsers and devices.
- Implemented responsive design techniques, adapting layouts and styles for different screen sizes.

## Skills

HTML , CSS	● ● ● ● ●	JavaScript	● ● ● ● ●
React JS	● ● ● ● ●	React Native	● ● ● ● ●
Node JS	● ● ● ● ●	MongoBD	● ● ● ● ●
Docker	● ● ● ● ●	GCP	● ● ● ● ●
TypeScript	● ● ● ● ●	PostgreSQL	● ● ● ● ●
AWS	● ● ● ● ●	Git / GitHub	● ● ● ● ●
MySQL	● ● ● ● ●	Bootstrap	● ● ● ● ●
Firebase	● ● ● ● ●	Express JS	● ● ● ● ●
React Hooks	● ● ● ● ●	Kubernetes	● ● ● ● ●

## Projects

### Task Management Application

Developed a task management application using the MERN stack to help users organize and prioritize their daily tasks. Implemented user authentication, task creation, updating, and deletion functionalities. Utilized Redux for state management and integrated MongoDB Atlas for data storage.

### Accomplishments

- Developed a Task Management Application using MERN stack, enabling teams to efficiently create, assign, and track tasks throughout their lifecycle.
- Utilized Socket.io for real-time notifications, ensuring instant updates on task assignments, status changes, and comments for enhanced collaboration.
- Designed a responsive and intuitive user interface using React, resulting in an engaging experience and increased user adoption.
- Created RESTful APIs with Express.js and Node.js, enabling efficient data retrieval, manipulation, and synchronization across the application.
- Implemented JWT-based authentication to ensure secure access to tasks and user data, safeguarding sensitive information.
- Leveraged MongoDB for data storage, providing a scalable solution for managing a growing number of tasks and users.
- Ensured cross-device accessibility by creating a responsive application that worked seamlessly on desktops, tablets, and mobile devices.

### Pulse

*Technologies: React JS, React Native, Node JS*

Pulse is scraper used to get relevant data/Post against a key word of different sited such (Twitter, Reddit, News, YouTube). This shows how a post has positive, negative, neutral sentimental. how much a post has likes, dislikes subjectivity etc. Each data is presented along with its graphical representation that shows how much a post get ups and downs. Each type of data is filters according to new entered key word, sentimental, and subjective

### Social Media Dashboard

Created a social media dashboard application using the MERN stack, allowing users to manage multiple social media accounts from a single platform. Implemented real-time updates using WebSocket's for live interactions, and integrated MongoDB for storing user account details and posts.

### Accomplishments

- Developed a Social Media Dashboard using MERN stack, aggregating data from various platforms to provide a centralized view of social media metrics.
- Utilized real-time data synchronization with websockets, enabling users to receive live updates on social media engagement, follower growth, and trends.
- Implemented dynamic charts and graphs using React libraries, allowing users to visually analyze data trends and patterns intuitively.
- Designed a modern and user-friendly interface using React, optimizing navigation and interactions for seamless user experience.
- Developed a responsive application using React, ensuring consistent functionality and layout across various devices and screen sizes.
- Employed MongoDB to store and manage social media metrics, ensuring quick data retrieval and minimizing response times.

### **Blog Platform**

Developed a blog platform using the MERN stack, enabling users to create, edit, and delete blog posts. Integrated a rich text editor for content creation and implemented user authentication. Utilized Redux for managing application state and MongoDB for storing blog data.

### **Accomplishments**

- Developed a feature-rich Blog Platform using the MERN stack, allowing users to create, edit, and publish articles with ease.
- Utilized React to design a visually appealing and user-friendly interface, enhancing engagement and readability of blog articles.
- Implemented real-time comment sections using websockets, enabling readers to engage in discussions and share thoughts on blog posts.
- Integrated social media sharing functionalities, enabling readers to easily share articles across different platform.
- Built a scalable architecture using Node.js and Express.js, accommodating increasing traffic and content over time.

### **Bakaanimzia**

*Technologies: React, Express, Mongo DB, Node*

A entertain Site in which a user can see his favorite show along with its tracking (Last episode). This site came of two version, for the user and admin (maintain the series). The user can add any series to his favorite list. Search any series (Name and genre. The series is divided into multiple section (Popular, Completed, Ongoing) and each is handled by admin to perform its deleting/updating/creation.

### **Job Portal**

Created a job portal using the MERN stack to connect job seekers and employers. Implemented user profiles, job listings, and search functionalities. Integrated Google Maps API for location-based job searches and utilized Redux for managing application state.

### **Online Learning Platform**

Built an online learning platform using the MERN stack, allowing educators to create and manage courses, and students to enroll and access course materials. Implemented video streaming, quizzes, and progress tracking features.

### **Expense Tracker**

Designed an expense tracker application using the MERN stack to help users manage their finances. Implemented features for adding, categorizing, and visualizing expenses over time. Used Redux for state management and MongoDB for data storage

## **E-commerce Platform**

Built a full-fledged e-commerce platform using the MERN stack, enabling users to browse products, add them to their cart, and complete purchases. Implemented user authentication, product catalog management, and integrated PayPal API for payment processing. Employed React Router for seamless navigation.

## **SEHAT (Smart and Economical Health Care Using Advanced Technologies)**

*Technologies: React Native, Node JS, Express, Mongo DB, Socket.io,*

SEHAT in which we aim to provide an e-health care system for the public located anywhere in the country. It is designed to overcome everyone's medical needs in little time and with convenience. It allows users to monitor their health conditions. It also offers users the ability to contact any available doctor of their choice at very affordable rates and send their medical reports to that doctor. User just must upload their medical reports which we will then visualize for the ease of the doctor and to assist the doctor in viewing and diagnosing the patient quickly. Medical reports can be in the form of X-Ray, MRI, or simple medical tests.

## **TOTL (Game)**

*Technologies: React Native, Node JS, Express, Mongo DB, Socket.io*

### **Apple Play Store**

<https://apps.apple.com/us/app/totl-footballquiz/id1634446319>

### **Google Play Store**

<https://play.google.com/store/apps/details?id=com.totl.football>

### **Description**

Top of the League (TOTL) is a real time multi-player football quiz! Use your Statto like knowledge of all things football to take your team to the top of the league. You can finally make use of all that accumulated knowledge from years of watching the beautiful game. From Accrington Stanley to Wycombe Wanderers and everything in between. Real football fans playing together to prove which team has the smartest fans.

## **Awards**

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### **SOFTEC'2016**

### **Speed Programming Competition, CUI**

## **Languages**

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- English