

MUHAMMAD UMER KHAN

SOFTWARE ENGINEER

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PROFILE

I am a dedicated Software Engineer specializing in front-end and back-end development. With expertise in modern web technologies, I deliver high-quality solutions and continuously enhance my skills to stay current with emerging technologies, ensuring value in every project.

SKILLS

REACT.JS

- Expertise in building dynamic, scalable, and responsive web applications.
- State management with [React Hooks](#) and [Redux Toolkit](#).
- Routing with [React Router](#).
- Animations using [Framer Motion](#).
- API handling with [Axios](#).
- Custom form validations and reusable components.

and more...

.NET Core Web API

- [.NET Core Web API](#): Develop scalable, secure APIs with JWT authentication.
- [Entity Framework Core](#): Manage databases, complex queries, and connection strings.
- [Middleware & Authorization](#): Custom workflows for secure systems.
- [Automapper](#): Efficient data transformation and mapping.
- [Queue Services](#): Handle email processes and asynchronous tasks.
- [Debugging & Breakpoints](#): Identify and resolve runtime issues.
- [MVC Pattern](#): Experience in structured, maintainable app architecture.
- [SignalR \(WebSockets\)](#): Real-time communication for live data updates.

and more...

SQL SERVER

- Write complex [SQL queries](#) for data management.
- Manage [connection strings](#) and optimize performance.
- Create [data handling scripts](#) for schemas.

and more...

JAVASCRIPT (ES6+)

- Asynchronous programming (Promises, async/await).
- Advanced features (destructuring, arrow functions).
- DOM manipulation and event handling.
- Basic knowledge of object-oriented programming.

and more...

SHOPIFY & WORDPRESS

- Custom theme development using Liquid (Shopify).
- Content management systems with WordPress.

and more...

VERSION CONTROL

- Proficient with GitHub for version control.
- Collaborate effectively using branches and pull requests.

EDUCATION

Bahria University

Bachelor's in Science Information Technology
2022-Present

WORK EXPERIENCE

Software Engineer

[Giants Solutions](#) / 2021 - Present

PROJECTS

Current On-Going Project:

IFBC Franchise Consulting Platform

Technologies: React.js, Redux Toolkit, Context API, Framer Motion, Axios, .NET Core Web API, MySQL

- **Frontend:**
 - **React Router**: Implemented routing for smooth navigation between pages.
 - **Framer Motion**: Added animations to enhance user experience.
 - **Axios**: Handled data fetching efficiently from backend APIs.
 - **Filtering & Search**: Built dynamic filters to search and sort franchises by multiple criteria.
 - **Form Validations**: Used JavaScript to validate user inputs for seamless form submissions.
 - **State Management**: Leveraged Redux Toolkit and Context API for consistent state handling across components.
- **Backend:**
 - **.NET Core Web API**: Developed RESTful APIs to handle business logic and data operations.
 - **JWT Token Service & Middleware**: Secured APIs with JWT authentication and custom middleware for authorization.
 - **OTP and Email Queue Services**: Integrated OTP-based authentication and asynchronous email notifications.
 - **Automapper**: Automapper is used to streamline data transformations between models and DTOs.
- **Database:**
 - **MySQL**: Designed relational database schemas and optimized queries to store and retrieve data efficiently.

Past Projects

WordPress Projects

- **bmtpakistan.com**: Developed a localized service-based site with dynamic content management.
- **k2electrix.com.au**: Built an e-commerce platform tailored for electrical solutions.
- **shahid4constable.com**: Created a political campaign site with event and donation features.
- **azizled.com**: Designed a product showcase site for LED-based solutions.

Shopify Projects

- **shop.unitexonline.com**: Developed a customized e-commerce store for Unitex, using Liquid to tailor product display and checkout workflows.
- **jsmwholesale.com**: Implemented wholesale functionality, utilizing Liquid to customize pricing rules and bulk ordering features.
- **fuzzysfashion.com**: Designed a fashion store, using Liquid to create custom filters and collections for seamless browsing.
- **bmwatch.com**: Built a watch store, with Liquid used for personalized product recommendations and dynamic content.

Static Websites

- **thealamgroup.com**: A business-oriented site focusing on professional services and solutions.
- **noorularfeen.com**: A religious or community-based website providing information and resources.
- **giantssolutions.com**: A corporate website for a solutions or consulting company, showcasing services.
- **ilus.org**: Likely an organization or educational site offering resources or programs.
- **moptimistic.com**: A motivational or personal development site focused on positivity and growth.