

# USMAN QASIM

## SUMMARY


I'm an experienced software engineer with over **3** years of expertise in **JavaScript**, specializing in both **frontend** and **backend** development.


Proficient in **MERN & MEAN** stacks, including **React.js**, **Next.js**, **Angular**, and **Node.js (Express & Nest)**.


I'm experienced in databases such as **SQL** and **MongoDB**.



## MERN & MEAN STACK DEVELOPER

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## WORK EXPERIENCE



### Full Stack Engineer (MEAN)

#### Focusteck

March 2023 to Present

I've played a pivotal role in leveraging technologies such as **Angular**, **NestJs**, **Microservices**, **Elasticsearch**, **Redis**, and **PostgreSQL** to architect and develop a robust, data-driven platform.

My responsibilities have included implementing new features, ensuring seamless platform functionality, and maintaining the highest standards of code quality while working collaboratively with our development and Quality Assurance (QA) teams.



### Full Stack Engineer (MERN)

#### EMI Fusion

Feb 2021 to Jan 2023 (2 Years)

I served as a Full Stack Engineer specializing in **MERN** stack development, with a focus on **Next.js**. I developed admin panels for **IoT** devices using **MQTT protocol** over **WebSockets** on **Node.js**.

Additionally, I created and tested **REST APIs** with **MongoDB** and **PostgreSQL**, and implemented state management using **Redux** on the frontend.

## EDUCATION



### Master of Science (MSc) in Computer Science

Bahauddin Zakariya University Multan

2018-2020



### Bachelor of Science (BSc) in Computer Science

Bahauddin Zakariya University Multan

2016-2018

## TOOLS & SKILLS

### Front-end Frameworks

- React.js
- Next.js
- Angular

### UI Libraries

- Bootstrap
- Material UI

### Back-end Frameworks

- Express.js
- Nest.js

### Databases

- MongoDB
- SQL
- Redis

### Supported

- HTML, CSS & JavaScript
- TypeScript
- GIT
- Docker
- Linux (Ubuntu)

### Technologies

- Node.js
- Redux
- Sockets
- Mongoose
- TypeORM

# PROJECTS

## FOCUSTECK (MARCH 2023 TO PRESENT)



### Ideawake (Angular, NestJS, Microservices)

Shockingly simple idea management platform proven to transform ideas into impact

#### Characteristics:

- Utilized **Angular**, **NestJs (Framework of Node.js)**, **Elasticsearch**, **Redis** and **PostgreSQL** to create a data-driven, scalable platform.
- Collaborated with developers and QA teams to implement new features and maintain platform functionality.
- Developed and maintained **CI/CD** pipeline to ensure that the platform remained reliable and efficient.

## EMI FUSION (FEB 2021 TO JAN 2023)



### Brilliant Move (React)

Brilliant Move is a logistics firm based in the United States. It enables consumers and other businesses to easily transport logistics throughout the country.

#### Characteristics:

- Google maps with navigation.
- Payment gateways i.e. Stripe.
- Social Authentications with Facebook, Google.



### EMI Portal (React, Node, PostgreSQL)

The EMI Portal is an all-in-one administration system for EMI Fusion.

#### Characteristics:

- Sprint base project and task management.
- Payroll management.
- Employees with roles management.



### Taxeezy (Next, Node, MongoDB)

#### Responsibilities:

- Led end-to-end design and development of Taxeezy application
- Established real-time chat system using sockets
- Created reliable, scalable RESTful APIs
- Implemented JWT for authentication
- Integrated Stripe payment gateway
- Translated wireframes and PSD designs into functional web applications



### Area Gas Alarm (ReactJS & NodeJS)

Area Gas Alarm is the product of EMI Fusion. It's an **IOT** project utilizing Node.js and React.js for its admin panel and MongoDB as a database.



### OT Panel (ReactJS & NodeJS)

OT Panel is the extension of **Area Gas Alarm**. It's also an **IOT** project which is utilizing Node.js and React.js for its admin panel and MongoDB as a database.