

# Asad Mehmood

JavaScript, React, Next.js Developer

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## Summary

I am a Full Stack Developer with a strong background in building and implementing functional applications. I possess excellent problem-solving skills, a keen eye for detail, and extensive knowledge of coding languages. My expertise includes JavaScript, React.js, Next.js, React-Query, Tailwind.css, HTML, CSS, Redux toolkit, MongoDB, Restful API, Node.js, and Express.js.

## Skills

- JavaScript
- React.js
- Next.js
- React-Query
- Tailwind.css
- HTML
- CSS
- Redux toolkit
- MongoDB
- Rest-full api
- Node.js
- Express.js



## Education History

### Bachelor of Science in Computer Science | Northern University

2015 to 2020

Core Courses:

- OOP, Modern Programming Languages, Web Engineering, Algorithms & Data Structures, Database Management, Software Engineering Principles.

## Work Experience

### Swati Technologies | Lahore

#### Reactjs Developer

August 2023 to Current

- Spearheaded the development of cutting-edge projects using React.js.
- Key contributor to the SYM Video Conferencing App, leveraging Next.js, Tailwind CSS, and Redux for optimal performance.
- Led the front-end development of the NITB: Driver Alertness Detection system, creating an intuitive interface for real-time monitoring.
- Currently involved in ongoing development projects, showcasing expertise in modern web technologies.

### Unaz Services | Nowshera

#### Junior Full Stack Developer

Apr 2022 to July 2023

- Contributed to the development of the NIKKAH FIRST - Islamic Matrimony App.
- Implemented an ERP (Enterprise Resource Planning) system at Unaz Servers, enhancing data modeling and management for various projects.
- Collaborated on the front end of the Contributed to various full-stack development projects, showcasing versatility and proficiency in diverse technologies.

## Projects

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### **SYM - Video Conferencing App**

#### **Description**

Revolutionized virtual meetings by developing a high-performance Video Conferencing App using Next.js, Tailwind CSS, and Redux. Drawing inspiration from Zoom, the app delivers lightning-fast performance and showcases mastery of cutting-edge web technologies.

- Utilized Next.js for a responsive and dynamic user interface.
- Employed Tailwind CSS for sleek and modern design elements.
- Integrated Redux for efficient state management.
- Currently working on backend development to enhance overall functionality.

### **NITB - Driver Alertness Detection**

#### **Description**

Developed the front end for an innovative Driver Alertness Detection system. The system identifies and displays driver mistakes, including Drowsiness, Smoking, Phone Use, Distracted Driving, and Sleep Detection

- Created an intuitive front-end interface for users to interact with the system.
- Implemented real-time feedback on detected driver mistakes.
- Facilitated the upload of camera footage for analysis.
- Upload camera footage.
- The system processes footage, providing real-time feedback.
- View the online footage and download detailed reports

### **VFS - Digital Recognition**

#### **Description**

Developed a Digital Recognition system using Next.js and Tailwind CSS to authenticate documents and ID cards. Implemented image enhancement techniques and signature verification to ensure accuracy and security.

- Established a robust document authentication process.
- Enhanced image quality for improved recognition.
- Implemented signature verification for authenticity checks.

### **NIKKAH FIRST - Islamic Matrimony App**

#### **Description**

Developed an Islamic Matrimony App using Next.js and React Query. The app facilitates marriage proposals for Muslim boys and girls, with a unique guardian access feature for enhanced security and oversight.

- Utilized Next.js for a performant and responsive front end.
- Implemented React Query for efficient data fetching and management.
- Designed a secure guardian access system for added user protection.