

Muhammad Shamin Farhan MERN Stack Developer

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SKILLS

EXPERTISE

- React js
- Html/CSS
- Node js
- Express js
- REST API
- EJS
- tailwind css
- MVC Architecture
- Boostrapp
- Redux js/Toolkit
- Git
- npm
- Sass
- WebSocket
- WebRTC

FAMILAR

- javascript
- AWS
- Nginx
- Oauth 2.0
- Figma
- nodemailer
- multi
- Material UI

DATABASE

- MongoDB (non-SQL)

INTEGRATIONS

- Stripe
- Twilio API
- JWT (JSON Web Token)
- Cloudinary
- MongoDB Atls
- daisy UI

API TESTING

- Postman

EXPERIENCE

BRIDGETON SOLUTIONS

MERN Stack Developer
2021 Feb - Present

PROJECTS

E-COMMERCE (SHOPE -X)

GitHub Repository :- Frontend | 🗄 Backend 🗄

Technologies:- MongoDB, Express js, Node js, React js, Jwt, Nodemailer,multer,OAuth2.0,Cloudinary,Stripe

Developed features:-

- This project was designed and implemented with scalability and maintainability in mind, using MVC architecture by 70%.
- With a JWT-based login and signup system, you can ensure the security of the user
- content and enhance the overall user experience Implemented JWT authentication, resulting in a 60% reduction in
- secure authentication and authorization mechanisms using **JWTtokens**
- Developing a secure **forgot password** feature with email verification tokens using Node.js and **Nodemailer** significantly enhances the overall security
- Integrating **Google OAuth 2.0** verification using **Passport.js**
- library n a Node.js using a **Google Cloud API** for OAuth2.0 authentication
- Setting up OTP verification with Nodemailer **SMTP(Simple Mail Transfer Protocol)**
- developers can create highly responsive and engaging user interfaces.
- Managing user data complexity and variability was key to seamlessly integrating the Stripe payment gateway.
- Implemented **Cloudinary** for efficient management of media files, reducing file uploading time by 60% with the help of **multer**
- implement admin-side user block and unblock functionality administrators with the capability to manage user accounts

SOCIAL MEDIA (World-Network)

GitHub Repository :- Frontend 🗄 | Backend 🗄

Technologies:- MongoDB, Express js, Node js, React js, Redux js,WebSocket,WebRTC,Peer js,Jwt

features:-

- This project was designed and developed using **MVC architecture** and achieved 60% scalability
- centralized state management, which enhances scalability and maintainability using **Redux js**

- Implementing **JWT-based security** for login and signup authentication and authorization
- The user tries to access a protected route without being authenticated, they will be redirected to the login page. using **React Router**
- Analyzing the implementation of user posts with images and videos reveals a significant enhancement in user interactivity
- Created user sharing of posts enhances the interactivity
- Integrating real-time comments and likes using **Socket.io** interactive and engaging element to user interactions
- enabling user posts using media devices to directly capture images or record videos using their device's camera
- Incorporating the feature for users to save posts user engagement and allows users to bookmark posts they find interesting
- Integrated real-time chat with the ability to share images and videos using **Socket.io**
- Deploying video and audio calls using **WebRTC** real-time communication directly from the browser
- Integrati a feature for discovering users and showing their images and videos
- Add event handlers to handle user interactions for adding a reply to a comment
- Deployed the application on **AWS EC2 instances** for scalable server hosting and on **Vercel** for optimized frontend delivery and deployment automation