RISHAL AT

Full Stack Developer

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EXPERIANCE

FREELANCER

📅 JULY 2022 – PRESENT

- Developed websites using various frameworks and programming technologies including React,Node.js /Express, MongoDb, PostgreSQL, AWS, Redis, Socket.io, WebRTC, API and SQL.
- Collaborated and managed projects using Git and Github.
- Devised and maintained the website, front-end and back-end functionality of the website to produce clean code that follows the design and functional specifications.
- Utilized the use of resources like Google and Stackoverflow.com to quickly and efficiently troubleshoot technical difficulties.
- Deployed and configured websites on cloud computing platforms such as AWS, Firebase.

PROJECTS

Paw Mart

REACT.JS, NODE.JS, POSTGRES,SOCKET.IO, AWS, MATERIAL UI, TAILWIND, REDUX

📅 2023

- Developed a dynamic full-stack application enabling users to post, sell, and adopt pets, resulting in increased accessibility and convenience for pet owners and enthusiasts.
- Formalized structure of the database using postgres to manage users data and scripts information as it handles more concurrency and supports parallel query plans that can use multiple CPUs/cores as Postgres can create indexes in a non-blocking way which increased performance by 2 times.
- Devised and implemented cloud computing services, including AWS, utilizing S3 buckets for managing media resources. Achieved a significant decrease in server load by offloading the handling of static files within the system, resulting in a 30% improvement in overall system performance and scalability
- Implemented Redux for global state management, remodeling the application state to a scalable architecture. Significantly improved client-side performance by reducing unnecessary re-renders, resulting in a 50% boost in overall application efficiency.
- Pioneered a chat application within the app by the utilization of Sokcet.IO library which decreased the latency by 90% and allowed a bidirectional communication between servers.
- Completed a total of 15 web pages, utilizing ReactJs, NodeJs, and database knowledge

Pika Trip

MONGO DB, EXPRESS, NODE.JS, BOOTSTRAP, CLOUDINARY, PASSPORTJS, EJS

📅 2022

- Constructed a fully fledged web application for campsites by using MongoDB in the back-end for a schema-less structure and bootstrap on the front-end which lowered the cross browser bugs by 90%.
- Uses integrated javascript libraries such as Express, session, passport ,mongoose to build a 10/10 beautiful and user friendly website.
- Implemented PassportJs in the app which eased the process of authentication and authorization by 50%.
- Incorporated MapBox within the application so that users can pin the location of campsites which made the UI 10 times better.
- Enforced Cloudinary Media DB for storing media assets of the campsites which reduced the storage allocation of images on server by 100%.

SKILLS

PROGRAMMING

Javascript | Node.js | SQL | NoSQL | Socket.IO | HTML | Redux | AWS | Typescript | Java | CSS | C++

LIBRARIES/FRAMEWORKS

Express | Node.js | Passport | React.js | Bcrypt | Sessions | Axios | Redux | mongoose | Material UI | TailWind | JWT | pg client

TOOLS/PLATFORMS

Mongo DB | Heroku | Cyclic | firebase | Github | Postgres | Git

COURSEWORK

WEB DEVELOPER BOOTCAMP
UDEMY

📅 2023

REACT.JS, THE COMPLETE GUIDE
UDEMY

📅 2023