

Mohammed Aafrin Habid

Full Stack developer



Website



Github



LinkedIn



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EXPERIENCE

FREELANCER

January 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.
- Setup Nginx from scratch for introducing load balancing and reverse proxy.

PROJECTS

GETSCRIPT | REACT.JS, NODE.JS, POSTGRES, MONGO DB, SOCKET.IO, WEBRTC, AWS, MATERIAL UI, TAILWIND, REDUX, OAUTH, PAYTM, STRIPE
2022

- Created A full-stack web application that allows producers to read the scripts that writers have posted as well as enabling writers to upload their own scripts.
- Completed a total of 15 web pages, utilizing ReactJs, NodeJs, and database knowledge .
- Integrated Google O-auth within the app which authorized the visitors to sign in with their respective Google account.
- 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 Cloud Computing Services like AWS for its solutions like S3 buckets which managed the media resources as it is highly scalable and durable which decreased the servers load of handling static files within the system,
- Employed AWS services like EC2 instance for hosting the server on a linux environment .
- Engineered the Paytm and Stripe Payment Interface so that scriptwriters can highlight their works in exchange of for a fee paid through their payment portals.
- Utilized the state management library Redux for the application where it remodeled the whole application state to a global scale which enhanced the overall performance drastically on client-side by cutting down on unnecessary re-renders within the application.
- 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.
- Executed direct peer-to-peer connection with WebRTC, where it enabled audio and video communication to function within web pages which minimized the dependency on the server-side by 90% for video calls.
- Implemented a complex multi vendor system for user management increasing the efficiency and security by 98%.

PACKBAGS | 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%.
- Unified JavaScript libraries such as Express, session, passport ,mongoose to build a very stylish and simple 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

Proficient:

•React.js•Node.js • SQL
•NoSQL •Socket.IO
•HTML •CSS

Experienced:

•Redux •AWS •NGINX
•WebRTC

Familiar:

•Typescript •C

LIBRARIES/Frameworks

•Node.js •Express
•Passport •React.js
•Bcrypt •Sessions •Axios
•Oauth •Redux
•mongoose •pg client
•Socket.IO •WebTRC
•Material UI •TailWind
•JWT

TOOLS/PLATFORMS

•Git •Heroku •firebase
•Github •Postgres
•Mongo DB •AWS •NGINX
•Stripe CLI

EDUCATION

TOCH INSTITUTE OF SCIENCE AND TECHNOLOGY

BACHELOR'S IN TECHNOLOGY
FIRE AND SAFETY ENGINEERING
2017 - 2021 | Kochi