Rishal AT

Full Stack developer

🏠 Website   🐙 Github   in LinkedIn   ✉ rishal.mhd009@gmail.com   📞 8592958968

EXPERIENCE

FREELANCER
July 2022- Present

→ Developed websites using various frameworks and programming technologies including React, Node.js /Express, MongoDb, PostgreSQL, AWS, Socket.io, 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.
→ Integrated Google OAuth for user sign-in, driving a 30% surge in registrations and delivering a seamless login experience with their respective Google accounts.
→ Ensured bug-free MERN application delivery through rigorous testing and debugging.

PROJECTS

PAW MART | REACT.JS, NODE.JS, POSTGRES,SOCKET.IO, AWS, MATERIAL UI, TAILWIND, REDUX,
May 2023

→ Engineered a robust full-stack application facilitating seamless posting, selling, and adoption of pets, resulting in a 40% increase in accessibility and unmatched convenience for pet owners and enthusiasts.
→ Created a total of 13 vibrant web pages, leveraging React.js, Node.js, and database knowledge.
→ Formalized the database structure using PostgreSQL to efficiently manage user data and post information. Incorporated parallel query plans and non-blocking indexes, improving performance by 2 times.
→ Enhanced client-side performance by 50% through Redux for global state management, reducing unnecessary re-renders and implementing a scalable architecture.
→ Devised cloud services with AWS, utilizing S3 buckets for media management. Achieved 30% better performance and scalability by offloading static file handling, reducing server load.
→ Implemented enhanced security measures with JWT (JSON Web Tokens) for user authentication, significantly reducing the risk of unauthorized access by 60% and ensuring encrypted transmission of credentials, resulting in a notable improvement in application security.
→ Optimized application efficiency and versatility with AWS services like EC2 instance on Linux, leading to faster response times and increased capacity to handle 1000+ concurrent requests.
→ 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 server and client.

PIKA TRIP | MONGO DB, EXPRESS, NODE.JS, BOOTSTRAP, CLOUDINARY, PASSPORTJS, EJS
January 2023

→ 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

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

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

BACHELOR'S IN TECHNOLOGY FIRE AND SAFETY ENGINEERING

July 2018 - June 2022 | Kochi