

# Abdul Suhaib M

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## EXPERIENCE

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### • Freelance

#### • Full Stack Developer

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

## PROJECTS

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### • Nomad Road- Travel application (React, NodeJs, Axios, Express, Mongoose, Socket io, JWT, JSX, Material UI, Css):

- Developed a full-stack travel application using Node.js, React, Express, Material UI, Redux, Axios, Socket.io, and Mongoose, enabling users to upload pictures, like posts, and chat in real time.
- By implementing JSX to write components and dynamically rendering data, the rendering time in the user interface is reduced by 50%, delivering a seamless and intuitive experience.
- Enhanced client-side performance by 50% through Redux for global state management, reducing unnecessary re-renders and implementing a scalable architecture
- 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.
- Designed and implemented a scalable and efficient Mongoose schema for user data and post information. Optimized query performance by 2x using parallel query plans and non-blocking indexes.
- 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.

### • StillSites - camping location sites (Nodejs , MongoDB, Express, Passport, EJS, Bootstrap, Cloudinary):

- Developed a comprehensive web application for campsites, utilizing NodeJS and MongoDB for a schema-less structure, and Bootstrap for the front-end. This approach reduced 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.
- Using MapBox within the application allowed users to pin more than 100 location of campsites, significantly enhancing the user interface.
- To minimize server storage allocation, implemented Cloudinary to offload the storage to the cloud, resulting in a 75% reduction in server storage requirements
- Utilized JOI to construct schemas and validate critical data, ensuring the reliability and increased the integrity of the information within the application to 18%.

### • OLX clone - Olx front end clone (Reactjs, Firebase, JSX, CSS):

- Designed and developed a clone of the OLX platform using ReactJS, providing a robust and interactive user experience.
- Utilizing Firebase with optimal leverage to ensure 100% protection and confidentiality of user information.
- Implemented JSX to write components and dynamically reducing rendering time of data by 50% in the user interface, delivering a seamless and intuitive experience.

## SKILLS SUMMARY

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- **Languages:** Html, CSS, C, JavaScript, NodeJS, SQL, NOSQL
- **Frameworks:** ExpressJS, ReactJS, MongoDB, MYSQL, POSTGRESQL, Socket io, Redux, Materail UI, JWT
- **Tools:** GIT, Heroku, Postman, Firebase, AWS, Stripe Cli, Cyclic

## EDUCATION

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### • ST.XAVIERS COLLEGE OF ARTS AND SCIENCE

- Bachelor of Computer Application

Kozhikode, India  
July 2017 - June 2020