Mallikarjuna Sharma

Tambaram, Chennai 🏠

+91-8220107700 📞

rmalliksharma96@gmail.com ✉

https://www.linkedin.com/in/mallikarjuna-sharma-475663142 in

https://github.com/mallikarjuna-sharma/

🌐 https://mallikarjuna-sharma.github.io/

Background Summary

Around 3 years of overall Experience in design and development. Specialized front-end technologies using **HTML5, CSS, Material UI, Graph QL, Node JS, React JS, Redux, Webpack** and having experience on full stack web development and React native.

Professional Summary

- Expertise in developing highly interactive rich Web UI using HTML, JavaScript, CSS, React JS, Node JS, Bootstrap, Material UI
- Ability to efficiently translate algorithms, ideas and concepts to software applications.
- Experience in all phases of Software Development Life Cycle (SDLC), which includes Integration, Implementation, Interaction, Business Analysis/Modeling, Documentation, and Testing of all software applications.
- Experience in Agile software development process, Test Driven Development (TDD) and Scrum.
- Having experience in SQL database like MariaDB. .
- Good knowledge on developing RESTFUL web services using spring boot and Express Js.
- Comprehensive knowledge in RDBMS databases like MySQL.
- Good understanding of Document Object Model (DOM) and DOM Functions.
- Hands on experience using the version controls like GIT and project management tools like JIRA.
- Experience on testing frameworks such as Jest, Junit.
- Knowledge in working with build management tools like Maven, Gradle.
- Ability to work individually as well as in a team with excellent problem-solving skills and troubleshooting capabilities.
- Experience in working with Graph QL queries and use Apollo Graph QL library.
- Experience in working with twillio platform for instant messaging using WEBRTC protocol.

Technical Skills

- Operating Systems   Windows 10 , Mac OS X, Ubuntu
- Web Technologies   Node.js, React.js, Web pack , redux, graph QL
- IDE, Editors   Eclipse, Notepad++, Visual Studio code, Android studio, Xcode.
- Database   MY SQL
- Debugging Tools   Chrome Developer Tools.
- SDLC   Waterfall, Agile.
- Dev-Ops   Jira, git hub, Junit, maven, Jenkins, confluence, netlify

Education

- Bachelors' in Automobile Engineering, SRM Easwari Engineering College (Anna University), 2018

Professional experience

Senior Software developer -Bosch (Mobinius Payroll)   Aug 2020 – Till Date

- ✓ Developed react with typescript project from scratch using Webpack for an supply chain application on food tracking
- ✓ Implemented sagas with generators as middleware for redux
- ✓ Implemented axios interceptor for REST api calls.
- ✓ Integrated google maps for food tracking, by showing routes and custom markers
- ✓ Developed mobile responsive application using Css3 media queries
- ✓ Created interactive timeline animations and many animated components using key frames
- ✓ Implemented session and refresh token flow using browser storage
- ✓ Completely dockerized the application and written docker configurations for different environments
- ✓ Used azure portal and azure boards as Dev ops tool
- ✓ Used google cloud platform (GCP) for google maps, geo coding, directions, OAuth2 and drive services
- ✓ Worked on caching api calls using SWR (Stale while revalidating) for react application
  https://truefoodplus-mvp.azurewebsites.net/desktop/mobile/organic-pineapple/184738

Scikraft

- ✓ Responsible for maintaining/Bug fixing and developing UI features in scientific IOT project using react-native with Bluetooth (BLE manager)
- ✓ Implemented data flow from collecting sensor data to rendering in table and graph
- ✓ Implemented Interaction manager from react native for performance optimizations.
- ✓ Extensively used react hooks and on memorization techniques
- ✓ Configured redux thunks as middleware
- ✓ Developed completely responsive application for mobile and tab

Environment: JSX, CSS, JavaScript, React Native, Bluetooth manager, Visual studio code, NPM, Agile.

Neuroglee

- ✓ Developed chat application for web app using React.js, material UI, Graph Ql with twillio.
- ✓ Completely configured Twillio for instant texts, audio, video messages using WEBRTC protocol
- ✓ Implemented Video call and audio call from web using twillio platform
- ✓ Developed chat application for mobile app using React native with twillio.
- ✓ Configured Twillio for video call, audio calls and instant messaging service from mobile
- ✓ Extensively handled local storage Api to save and fetch messages from local storage
- ✓ Written Mutations and Query with GraphQL and implemented cache techniques with Apollo GraphQL

Environment: React, React Native, Twillio, GraphQl, Visual studio code, Agile.

UI Full Stack Developer - Infosys   Dec 2018 – July 2020

- Involved in the complete Software Development Life Cycle (SDLC) including gathering Requirements, Analysis, Design, Implementation, Testing and Maintenance.
- Had developed the application to be responsive using Material design, CSS framework.
- Used Redux to manage the whole state of the application with well-designed store, actions and reducers.
- Strong knowledge in **react hooks** and practices commonly used in creating reusable Components.
- Implemented React router for building the single page application.
- Used web pack as the module bundler.
- Designed and developed RESTFUL web services using Spring Boot.
- Worked with the **Node package manager (NPM)** along with Jest.
- SQL Development - used complex queries to have data available for the web interface using Maria DB
- Extensively used **Git** for version controlling.
- Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

Environment: JSX, CSS, JavaScript, React.Js, Node.Js , SQL , Java SE 8 , Eclipse, Visual studio code, NPM, Agile.

Jr. Mobile App Developer – Shalom Infotech   Apr 2018 – Dec 2018

- Responsible for maintaining/Bug fixing and developing UI features in mHealth application.
  https://play.google.com/store/apps/details?id=com.saieshinfosolutions.itc.doctor_app&hl=en
- Developed web view mobile application with native features like OTP generation and SMS validation.
  https://play.google.com/store/apps/details?id=com.shalominfotech.rotaryInstitute&hl=en
- Fixed bugs with code, design patterns and miscellaneous occurrences during projects.
- Programmed using Java and XML in **Android SDK** platform for clean, modular and robust code.
- Successfully deployed the app on the Google Play Store for different beta and stable releases of the app.
- Has been a UI developer for Android application creating the project generic Application interfaces, building signed apk and play store deployment.
- Knowledge on Ionic Cordova applications.

Environment: Java, XML, Ionic Cordova, Eclipse, Android studio, Waterfall.

Mobile App Developer (Intern)   Nov 2017-Dec 2017
Uniq Technologies

- Using SDLC, An app has been developed to calculate the stress on the Beam using Finite Element Analysis by multiple parameters such as torque acting on the object and nodal displacements etc.
- Deployed apps to play console from creating account to deployment.
- Self-driven project including idea -> design -> development -> testing -> deployment to play store
  https://play.google.com/store/apps/details?id=my.fea.mallik.finiteelementanalysis

Self-driven projects   Jan 2018-Mar 2018

- Designed, Developed, Tested, Deployed IOS calculator for Android OS.
  https://play.google.com/store/apps/details?id=my.calculator.mallik.ioscalculator
- Designed, Developed, Tested, Deployed TicTacToe Game for android.
  https://play.google.com/store/apps/details?id=my.game.tictactoe
- Developed Calculator application for Windows OS.
- Developed Calculator JAR and Executable file using JAVA swings
  https://drive.google.com/file/d/1pnHPeEyeJebk3mmyaml_3hSBclE-1EoW/view
- Worked on selenium automation using Junit for chrome and firefox
  https://github.com/mallikarjuna-sharma/selenium-automation

Open Source Projects

Covid-19   Apr 2020

- Developed using react, material UI, Web pack, and redux.
- Single state is maintained in entire app using redux and Thunks is used as a middleware.
- Data source is fetched from Rapid-Api.com to dynamically populate table and graph data.
- Every city/province/states/countries in the world can be compared with real time data.
- Chart.js is used to represent graphs in Line, bar, pie and donut format.
- Dark mode is included in this application using MuiTheme.
- Using web pack, Hot reload is achieved for dev and minification of bundle for prod
- CICD pipeline is achieved through Buddy works and Netlify. Automated build and deploy is achieved for each commit to Git Repo.
- Animations and transitions are achieved through CSS –webkit
- Native web view android app is created using android studio.
- kindly visit the web app : https://elastic-hugle-e08f29.netlify.app/
- Clone my repo : https://github.com/mallikarjuna-sharma/covid-20.git
- Install mobile app : https://drive.google.com/file/d/1ffwQq42aO7M8nnv-u-kOyDiIrC2t7Uv0/view?usp=sharing

Contacts-Crm   May 2020

- Developed using react, material UI, Web pack, and redux.
- Contacts app used by multiple users with CRED operations.
- Data source is maintained in redux store.
- JSON file format is used to store and interchange data with UI components.
- Application is made completely with React Hooks.
- CICD pipeline is achieved through Buddy works and Netlify. Automated build and deploy is achieved for each commit to Git Repo.
- kindly visit the web app : https://mallik-crm-dashboard.netlify.app/
- Clone my repo : https://github.com/mallikarjuna-sharma/CRM-Contacts-Dashboard
- Install mobile app : https://drive.google.com/file/d/1FQMsTiKeOv-GS0zaWZwgGOv5igdwI9Q/view

Bank-Details-India   May 2020

- Developed using react, completely responsive using material UI, Web pack and Heroku.
- Search Bank details across India using Bank Name, IFSC, Branch, Bank Id or Address.
- Dark mode is included in this application using MuiTheme.
- Data source is fetched from Heroku api to get bank details.
- kindly visit the web app : https://banks-details.netlify.app/
- Clone my repo : https://github.com/mallikarjuna-sharma/filter-banks-using-region.git

Restaurants-table-reservation-system   May 2020

- Developed full stack application using React Js, Node Js and MS Sql.
- Automate table reservation system for multiple users along with cancellation.
- Checkout code : https://github.com/mallikarjuna-sharma/restaurants-table-reservation-system.git
- Business flow chart : https://app.creately.com/diagram/kuoEismWvRR/view
- Technical Implementation: https://docs.google.com/document/d/1t22Q_ZNpNgNIPNDcuisHmxlMvRrUyuzWLMMJnW4yE8g/edit