

Umesh Savaliya

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EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology Jul. 2018 – March 2022
B.Tech in Information and Communication Technology(ICT) *Gandhinagar, Gujarat*

EXPERIENCE

Frontend Developer

Jan 2022 – Present

Octopus technology | [Link](#)

Surat, Gujarat

- Effectively used best practices, providing technical guidance, conducting code reviews, and promoting best practices for React and TypeScript development
- Utilized Redux to efficiently manage application state, enabling seamless data flow and synchronization across components
- Implemented comprehensive unit tests and integration tests using tools Jest and enzyme, ensuring the reliability and stability of the application during development and deployment
- Implemented performance optimization techniques, including code splitting, lazy loading, and memoization, resulting in faster load times and improved overall application performance

Software Engineer intern

March 2021 – Nov. 2021

Skyline infosys

Surat, Gujarat

- Participated in code reviews, bug fixing, and collaborated with cross-functional teams(Monocept) to ensure project delivery within deadlines
- Implemented REST APIs using Node.js and Express to provide data to the front-end
- Designed and developed a user-friendly web interface using Material-UI, Formik, React Bootstrap, and Antd
- Collaborated with other developers to update websites and create new features
- Contributed to the development of a web application using Angular 6 and its related libraries like Angular Forms / HTTP / Material / Bootstrap with Chart.js, moment.js, Fontawesome
- Implemented key features, including File Upload, Date and Time Formatting, Pagination, and Notification

PROJECTS

Fudu | *React, Typescript, Material-UI,Formik , Jest, enzyme, CI/CD*

March. 2022 – Present

- Collaborated closely with UI/UX designers to translate design mockups and wireframes into pixel-perfect frontend implementations with Mobile Responsive Web App to used by Restaurent Owener to Grow there Bessness
- Integrated third-party APIs and libraries, such as Google Maps, social media integrations(Apple and Google Login), seamlessly into the frontend, expanding the project's functionalities and enhancing Restaurent Owner engagement to it's customer
- Implemented robust testing strategies, including unit testing using Jest and Enzyme, to ensure the reliability and stability of the frontend codebase, resulting in a more robust and bug-free application.

Sekono | *React, TypeScript, Material-UI, Payment-Gateways*

Aug. 2022 – current

- Utilized TypeScript to enhance code quality, catch potential errors early in the development process, and improve overall maintainability of the application.
- Proactively identified and resolved complex technical challenges, such as handling edge cases related to payment processing, data synchronization, and error handling.
- Maintained high code quality through consistent code reviews, automated testing, and adherence to coding standards, contributing to a stable and reliable application.

STEER.GLOBAL | *React, TypeScript, Redux, React-Router, Material-UI, Tailwind CSS* March. 2021 – Nov. 2021

- Worked as a software developer on a platform designed to safeguard students' mental health.Contributed to the redesign of the platform to provide a better user experience
- Implemented Redux States to manage application-wide state and reduced application load time to 1.5 seconds
- Successfully migrated a medium-sized application from AngularJS to React within 3 months, despite limited resources due to unstable funding

- Added features to manage student and teacher data, set permissions, and enable file upload/export capabilities for a school with a population of over 5000

IFFCO Tokio | *Angular, Typescript, Angular Material, Angular Form, RxJS, Git*

March 2021 – June. 2021

- As a software developer, I worked on the IFFCO-TOKIO app which offered policyholders the ability to buy and renew motor, health, travel, home, and trade insurance policies
- Implemented forms and document verification features to manage twice the amount of documents compared to the previous version, improving the overall efficiency of the app
- Developed and maintained the policy management validation process, streamlined the document management process, and reduced 3000 lines of code from the codebase to enhance the overall user experience

TECHNICAL SKILLS

Languages: HTML/CSS, **JavaScript**, **TypeScript**, SQL, Python, C/C++ , MATLAB(Basic)

Frameworks: Angular, Express.js, **React**, **Node.js**, Bootstrap(Basic)

Developer Tools: JIRA, Trello, **Postman**, **Git**, Github, Docker(Basic), PostgreSQL, MySQL, BitBucket, Linux CLI(Basic), Jupyter Notebook, Google Cloud Platform, Grafana, VS Code, PyCharm, keil uVision5(Basic), ROS(Basic), Sonarqube, LTspice(Basic)

Libraries: **Jest**, **enzyme**, Karma, Mocha, **Axios**, Lodash, Moment.js, Chart.js, **Tailwind CSS**, **React Router**, **Material-UI**, Styled Components, **Formik**, React-hook-form, **Yup**, **Redux**, Angular Material, RxJS, jest-cucumber, pandas(Basic), NumPy(Basic), Matplotlib(Basic), TensorFlow(Basic), Keras(Basic), **MongoDB**