

Chakravarthi Katragadda

Software Engineer

Software Developer with 2.7 years of experience, specializing in front end technologies

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WORK EXPERIENCE

System Engineer

Tata Consultancy Services

09/2018 - Present, Hyderabad, India.

Project: Falcon Dialysis

Falcon Dialysis is an application that gives functionality for Doctors and Nurses to digitally verify and sign patient reports, records and medical billings.

Responsibilities:

- Actively worked in an **agile** software development environment which utilized the Scrum process.
- Leveraged ReactJs, **Redux**, **React-table** and responsive web frameworks like **Material-UI** to consistently schedule project deliverables ahead of schedule.
- Used Object Oriented JavaScript Programming, asynchronous programming, state management with **Redux**.
- Enforced code standards using **ESLint**.
- Optimized the application by code splitting using **Lazy loading**.

Project: Snappy Clinical Web Application

Snappy is an existing desktop application, which is set of rules for the dose administration which provide direction to the nurse in monitoring the lab result of their patients for their dosing of the medication.

Responsibilities:

- Designed and implemented a proof-of-concept application to migrate existing application to web.
- Translated wireframes into responsive UI components using React Js and Material-UI.

Project: Competency Tracker

Associate competency tracker is an inhouse application which is used to monitor the competencies of teammates within the domain.

Responsibilities:

- Designed and developed interactive charts for the website using **Highcharts** library.
- Made application responsive using **CSS grids**.
- Built re-usable components and libraries for use across the app and organization.

EDUCATION

Bachelor of Technology (EEE)

VR Siddhartha Engineering College

2014 - 2018,

9.19

Intermediate Education (MPC)

Sri Chaitanya Junior College

2012 - 2014,

95.4

SKILLS

ReactJS

React Native

JavaScript

Express

MongoDB

NodeJS

TypeScript

NextJS

HTML

CSS

BootStrap

Material UI

Web API

Delphi

SQL

Responsive Design

Firebase

PERSONAL PROJECTS

Portfolio [🔗](#)

- A mobile responsive portfolio web app built with React using Material UI, React-Router and Firebase.
- Smooth animations using React-reveal and Dark mode are also included.

MERN ToDo [🔗](#)

- A responsive and aesthetic looking ToDo App which can create, delete, filter and store to-do lists on a MongoDB Atlas server.
- REST API is built using Node and Express which includes authentication, session validation and restriction to the resources.

College Mobile App [🔗](#)

- A Responsive and aesthetic looking mobile app developed for a college that includes latest messages from the college and has authentication for the students.
- Used React-Hooks, Redux, Firebase as backend for both android and iOS app.

Mail Client Prototype [🔗](#)

- A responsive and aesthetic looking Mail Client App developed with React, React-Hooks, Redux, Material UI and Firebase as backend.
- This is a sample mail client web application, where users can do all the operations of any existing Mail Client applications like Gmail, Yahoo etc.,

Weather App [🔗](#)

- A responsive and aesthetic looking Weather App developed with React, React-Hooks, Redux.
- This is a weather app that displays the weather of the current city by accessing the location of the client. User can also search for the weather of a city of their choice and background image will change according to the temperature of the city.

AREA OF INTERESTS

Mobile Development

UI/UX Development

Web Development