

# Dhilipanraja Joseph

Full Stack JavaScript Developer | UI/UX Developer | Authorized to work in U.S ( Permanent Resident )

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## Projects

FoodTruck - *React/Native App ( iOS and Android ), To find the available food trucks based on the location.*

- Developed the Navigation Pages in React/Native using Ignite to develop simultaneously for iOS and Android. Rendered the results of food menu based to the truck location and operating time.
- Designed the UI of app for iOS.
- Back-end is created in python with flask. The android version is designed in Android Studio for Material UI.
- Resolved issues caused by the native iOS/Android components, by using generic React Native UI components.

BookShare - *React/Redux App with Responsive UI, Online Book Sharing App.*

- Developed the responsive UI, Front-end of the app using Bootstrap and Material UI for React.
- Created User Profiles view/edit pages, book information view/edit pages, a page for user to upload their profile picture. Rendering results from the google book search API.
- Pictures are store and shared from Amazons S3 Bucket.
- Created the back-end API responses. Using ExpressJS, NodeJS.
- The app was bundled using WebPack.
- Used MongoDB to store user database, consisting of Users, Books, Classes as Database Models.
- Used BabelJS to transpile the es2015 JavaScript and followed Airbnb style guide by using eslint.

NewsRant - *React/Flux App, To find latest news articles and share your thoughts.*

- Designed the front-end UI using a bootstrap theme, customizing the entire UI to provide the expected experience. Used News website to search for latest news articles.
- The search page was web scrapped in back-end created by Node JS with Express JS using npm package Cheerio and the results are served as a JSON response to front-side to render the results in a listview.
- Create new Chat rooms based on the article selected, each chat room has unique key and mapped to its contexts.
- Integrated Google FireBase as the cloud database to store the Chatrooms info and Chats contexts.
- Rendered the chats in a conversational UX interface.
- Application bundled using WebPack, used BabelJS as transcompiler.

Pricer - *React App, To search for products price from multiple online stores and compare.*

- Developed the UI to render and filter the search results provided by the back-end, the app was bundled using WebPack.
- Created the back-end using NodeJS, ExpressJS and included npm package Axios ( Promise based HTTP client for the browser and node.js ) using JavaScript Promises to get results from multiple search APIs eg. Amazon Product Search (AWS), eBay (Products Search), etc. Developed an search API by Web scraping and generating a JSON response.
- Developed a server to combine the results from all API responses and render the combined results based on products price and availability.

MovieDate - *Vanilla-React App. That get you a random movie/TV show, which can be added to your watch list.*

- Developed the App using Bower, Vanilla-React, IMDb and OMDb APIs to select random TV Show/Movie and provide information about the show/movie based on IMDb ID.
- Implemented browsers localStorage to create a Watchlist where the User can add or remove the random Movie title provided by the API.

## Skills

React, JavaScript (es6), BabelJS, Redux/Flux, MongoDB, Cisco iOS, React Native, Node.js, jQuery/AJAX, Express, Webpack, Firebase, C, C++, Java, MySQL, XML, HTML5, CSS3, ESLint, Bootstrap, AWS, JSON, Material-UI in react.

## Education

Free Code Camp – Online	2016 - PRESENT
University of Houston, Clear Lake, Texas — <i>Certification in Network Management and Security</i>	2015
NIIT, Chennai, India — <i>Diploma in Java Technologies</i>	2014
Anna University, Chennai, India — <i>B.E Computer Science</i>	2013

## Professional Experience

React - Group Projects, Online ( Github )	MARCH 2016 - PRESENT
<ul style="list-style-type: none"><li>Working on full stack javascript web development projects, MERN ( MongoDB, ExpressJS, ReactJS, NodeJS ).</li></ul>	
Cybersecurity Workshop, UHCL, TX	JULY 2015 - SEPTEMBER 2015
<ul style="list-style-type: none"><li>Trained in Cyber Security and concepts popularized in the professional practice of information protection.</li><li>Used Cisco's Configuration Professional (CCP) and Adaptive Security Device Manager (ASDM) applications on lab furnished laptops to configure Cisco devices.</li><li>Hands-on experience with Cisco switches, routers, and ASA firewalls using command line interface.</li><li>Performed Classful and Classless subnetting, in Cisco devices running iOS.</li><li>Configured NextGen Fortinet firewall, using GUI and also by command-line.</li></ul>	
Infomerica, Cary, NC - <i>UI/UX Developer</i>	JULY 2014 - DECEMBER 2014
<ul style="list-style-type: none"><li>Developed / Designed web pages based on the mockup provided by the design team.</li><li>Designed front-end applications, user interactive (UI) web pages using web technologies like HTML, XHTML, and CSS.</li><li>Created and tested different front-end views using AJAX, JavaScript, jQuery, Bootstrap and CSS.</li><li>Implemented various JavaScript/jQuery UI effects on the pages.</li><li>Used AngularJS and jQuery library functions for the logical implementation part at client side for all the application.</li><li>Implemented Cross Platform mobile UI design through IBM Worklight.</li></ul>	