

# SPANDHANA CHATHAM

## Front End Developer | Mean stack Developer

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### EXPERIENCE

#### Mean stack Developer

**Rent-A-Center** 06/2021 - Ongoing Plano <https://www.rentacenter.com>

Rent-A-Center is a publicly traded company that provides rent-to-own and lease-to-own options for furniture, appliances, electronics, and computers. Customers can choose from a variety of products and make payments over time, with the option to purchase the item outright or return it at the end of the rental period. The company operates over 2,400 stores in the United States, Canada, and Puerto Rico.

- Built reusable **React** components with modular **CSS**, manage data on the client with **Redux** and **GraphQL**, and test everything with **Jest** and **React Testing Library**
- Involving in deploying the code into **GIT** repository and worked on GitHub.
- Responsible for developing Redux backed stack with **Redux-observable**, hands-on development in **JavaScript (Node.js)/TypeScript**, **RESTful APIs** and **AWS**.
- Used **React JS** for emulating for faster compilation and developing reusable components.
- Experience with reusable React component designs and cards applying best practices.
- Implemented various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux** library.
- Used **Node.js** to **Server side** dynamic page content
- Worked with **Node.JS** as backend, **React** as frontend deployed on **Kubernetes** with **NGINX**.
- Use **Node Package Manager (NPM)** to manage the modules and used it to install useful tools such as **Grunt**, **Express**.
- Config **Redux** store, middleware **redux-thunk**, **Chrome Redux dev tool**, **npmrc**, **npm**, **package json** and so on.
- Architect the project and work with **Jenkins** server for **CI - Continue Integration**, include and config **Jenkins** file in the project for pipeline and stages such as install dependencies, rebuild **node-sass**, **run test**, and build app.
- Work with **Docker** for **GCP - Google Cloud Platform** and **CD - Continue Delivery**, include and config **Docker** file in the project to build the frontend **docker** image, expose **docker** container port and deploy on **GCP**.

#### Frontend Developer

**Rent-A-Center** 12/2019 - 05/2021 Plano <https://www.rentacenter.com>

Rent-A-Center is a publicly traded company that provides rent-to-own and lease-to-own options for furniture, appliances, electronics, and computers. Customers can choose from a variety of products and make payments over time, with the option to purchase the item outright or return it at the end of the rental period. The company operates over 2,400 stores in the United States, Canada, and Puerto Rico.

- Developed **single page applications** using **React Redux** architecture, **ES6**, **web pack** and **grunt**.
- Developed various screens for the front end using **ReactJS** and used various predefined components from **NPM** (Node Package Manager).
- Basically, replace all **React class components** with **functional** component. For stateful management, replaced with new **Hooks** like **useState**, **useEffect**, **useReducer**, and **useRef**.
- Incorporated **react-redux** for global state management, mainly for authentication process, and added **Redux** for asynchronous handling.
- Worked with **React JS** components, **Redux Forms**, **Events**, **Animations** and **Router**.
- Used **GraphQL** for complete and understandable description of the data in our API, gives clients the power to ask for exactly what they need.
- Responsible for managing **AWS** resources in **cloud** and maintain **Continuous Integration** and **Continuous Deployment** pipeline for fast-paced robust application development environment.
- Developed real time tracking of class schedules using **Node JS** (**socket.io** based on **socket** technology, **Express JS** framework).
- Automation of major infrastructure components of multi-tier sites: **middleware**, **application configuration**, **deployment**, **cloud services API**, and **databases**.
- Repeatedly work on **AWS** Cloud platform and its features which include **EC2**, **VPC**, **AMI**, **RDS**, **SES**, **S3**, **Route 53**, **IAM**, **LDAP**, **Cloud Formation**, **Cloud Front**, and **Cloud Watch**.
- Used **Packer** and **Terraform** scripts to create the immutable images and deploy the virtual machine to a private cloud.
- Production deployment of the application to user accessible platforms and implement **continuous integration/ continuous deployments (CI/CD)**.

### PROFESSIONAL SUMMARY

I am a full stack developer with 8+ experience in both front-end and back-end technologies. I am proficient in **HTML**, **CSS**, **JavaScript**, and various front-end frameworks such as **React** and **Angular**. On the back-end, I am experienced in languages such as **Python** and **Java**, and have worked with frameworks such as **Node.js** and **Express**. I am also familiar with databases, including **MySQL** and **MongoDB**, and **DynamoDB** have experience with version control systems such as **Git**. I am able to work on projects from start to finish, including designing and developing the front-end, implementing the backend, and connecting the two. I am a quick learner and am always eager to stay up to date with the latest technologies and industry trends.

### SKILLS

#### FRONT END FRAMEWORKS

**REACT JS/15/16/17**

**ANGULAR 2/4/8/10**

**VUE JS**

**REDUX**

**FLUX**

**GRAPQL**

**NEXT JS 12/13**

**JAVASCRIPT/VANILLA/ES5/ES6**

**TYPESCRIPT**

**CYPRESS**

**REACT TESTING LIBRARY**

#### SERVER SIDE FRAMEWORKS

**NODE JS**

**PYTHON**

**JAVA**

**KOTLIN**

#### Cloud computing

**AWS EC2**

**S3**

**AWS CLOUDWATCH**

**KUBERNETES**

#### Database:

**DYNAMO DB**

**MYSQL**

**MONGODB**

#### Operating System

**MACOSX**

**WINDOWS**

## Frontend Developer

**Office Depot, Boca Raton, FL** 11/2018 - 10/2019 Fort Lauderdale  
<https://www.officedepot.com>

The ODP Corporation is an American office supply holding company headquartered in Boca Raton, Florida. The company has combined annual sales of approximately \$11 billion, and employs about 38,000 associates with businesses in the United States. The company operates 1,400 retail stores,[4] e-commerce sites and a business-to-business sales organisation.

- Developed Single Page application (SPA) using **Angular 8,9+** HTML5, CSS3, Bootstrap, **Typescript**, AJAX and ISON
- Created Angular project from scratch using **Angular CLI** and was responsible for configuration and installing of dev dependencies.
- Build the web application and deployed to on-premise VM and AWS EC2 using build pipeline
- Created reusable Components, **Pipes**, **Directives** and Services using Angular 6.
- Managed application lifecycle by using Angular lifecycle hooks
- Created Typescript reusable components and services to consume RESTful API using Component based architecture provided by Angular 8.
- Used Node JS and PM for installing required node modules and other published Angular NPM modules.
- Maintained the CI/CD process & scripts to build and host Angular SPA applications and Spring Boot applications
- Used Karma as a Test Runner and Jasmine for writing test cases
- Followed Agile Methodology for development process and participated in Scrum meetings

## Software Engineer

**Selas Technologies** 08/2017 - 09/2018 Fort Lauderdale, FL

Selas Tech's robust softwares tap into the power of the Salesforce platform – the leader in cloud security. With our seamless Salesforce partnership and products built on SFDC, we have helped our customers streamline their businesses.

- Involved designing in web pages using **React.js**, HTML 5, CSS3, **JavaScript**, Bootstrap, **SASS**, **LESS**, **Redux**, **Flex**.
- Worked on **React JS Virtual DOM** and **React views**, rendering using components which contains additional components called custom HTML tags.
- Worked in using React JS components, **Forms**, **Events**, Keys, Router, Animations, and Flux concept.
- Experience working Content Management System (One CMS) used to manage static assets such as Images, PDF, JSON configurations that needs quickly and easily get web content live.
- Experience with modern front-end build pipelines and tools like Git, Jenkins, Hal tool, IntelliJ, VSC ode, or Atom.
- Experience with common front-end development tools such as Babel, Webpack, NPM, yarn, etc.
- Worked simultaneously on Mobile apps using React Native for mobile scanner applications.
- Experience working in Agile Methodology and Scrum ceremonies.
- Developing new user-facing features using React.js.
- Fixed defects raised during system & user acceptance testing phases by QA and Clients.
- Used Restful web services to call for POST, PUT, DELETE and GET methods.
- Used JIRA to keep track of outstanding bugs, participating in daily stand ups, sprint reviews, Kickoffs.

## Front End Developer

**CGI Group (India)** 05/2016 - 02/2017 India

Operating in hundreds of locations across the globe, CGI delivers end-to-end services and solutions, including strategic IT and business consulting, systems integration, intellectual property, and managed IT and business process services.

- Developed Exposure view with **HTML5**, **SASS/CSS3**, **ES6**, **React.js**, and **Redux**, follow Agile methodology to develop the whole module.
- Designed, developed and implemented Exposure Module core requirements, in Portfolio screen, clicking Current Exposure on Ultimate Parent Deal Level will navigate users to Current Exposure Tag in Exposure screen, expanding the Deal and clicking the Proposed Exposure on Products Level will lead to Proposed Tag and select the related product for users to view the Proposed Exposure.
- Set up a local Node JSON server for serving the POST and GET request to operate with mock JSON data before the real Java services is ready.
- Consumed java web service for loading exposure data and post to save exposure.
- Designed and developed data loading and view linking logic, such as connecting Product to Proposed Exposure, and automatically selecting the dropdown value on Product selector to popup the Proposed Exposure Data.
- Developed Exposure Tag View for switching between the Current and Proposed Exposure.
- Dealt with backend service API call response, and format JSON data to specific structure for matching with Model and View, MVVM structure.\
- Used Google Chrome Developer Tools, inspect element, and debugger to debug functionalities.
- Used yarn and package JSON to manage the necessary packages.

## Bachelor's in computer science engineering (2010-2014)

**JNTUH**  
2013

## EXPERIENCE

### Front End Developer

**IDrive Software** 08/2014 - 04/2016 India

IDrive Inc. is a technology company that specializes in data backup applications. Its flagship product is Drive, an online backup service available to Windows, Mac, Linux, iOS and Android users.

- Developed running prototype model with HTML, CSS, JavaScript, JSP and amended on requirement change
  - Participate in Requirement Gathering with Business Analyst
  - Member of Change Control Board
  - Production IR (Bugs) Analysis, Fixing, Tracking, and coordinating
  - An integral part of the IR resolution processes as a Client interface, dashboard updates to GE IT
  - Providing efforts for Development of the Change Control
  - Automated regression testing with Win Runner
  - Well conversant with Test Director -another great tool used for Application Testing.
- Environment : JSP, JavaScript, CSS, HTML, XML