**Kethireddy Nihanth Kumar Reddy**
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**Full Stack Developer   |   MERN Stack Developer   |   Front End Developer**

**SUMMARY**

- Professional experience for over 7 years as a ReactJS Developer working in Object Oriented development, implementation and maintenance of web Applications for legacy and distributed Enterprise applications with the usage of Javascript Technologies in the E-Commerce domain.
- Working Experience in developing an R script to store geo spatial data into Database.
- Experience in all phases of **SDLC** like **Requirement Analysis, Implementation** and **Maintenance,** and extensive experience with **Agile** and **SCRUM**.
- Extensive knowledge in developing single - page applications **(SPAs)**.
- Working Experience on **Isomorphic** Applications.
- Extensive experience in developing web pages using **HTML/HTML5, XML, CSS/CSS3, JavaScript, React JS, Redux.**
- Experienced in working with **Redux architecture** using complex Object-Oriented concepts in improving the performance of the websites.
- Good Experience in **React.js** for creating interactive **UI** using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
- Experienced in working with **Node.JS** and **NPM** modules like **http-server, path, Micro Services, Request, Elastic Search, express** and **templating engines.**
- Extensive Knowledge on developing API on **GraphQL** & setting up **Graphql** client in the Front end.
- Proficient in using testing frameworks & libraries like **Jest, Enzyme & SuperTest.**
- Working experience on setting up an **SEO** compatible application.
- Working Experience in **Ruby On Rails,** in developing a full application & API.
- Knowledge of utilizing cloud technologies like **AWS.**
- Working Experience on CMS like **Prismic, Typepad.**
- Knowledge on UI collaboration tools like **Zeplin.**
- Expertise in **IDE** tools like **Notepad++, Sublime Text Editor & VS Code.**
- Experience in Version Control tools like **GIT** & semantic version parser like **Semver.**
- Knowledge on **Adobe Illustrator & Adobe Animate CC.**
- Good Experience in Bug tracking tools like **JIRA.**
- Involvement in setting up **GTM, GA, Adobe Analytics** for Analytics.
- Exposure to **New Relic** to track application performance, **Hotjar** to track Website Heatmaps & Behavior Analytics.
- Knowledge on **Circle CI ,** to automate **CI/CD** pipeline.
- Knowledge in writing **SQL, Stored Procedures**, **Cursors, Triggers** with **MySQL**,   **MongoDB**, **DB2**, **Blob storage** and **MS-SQL** Server.
- Expertise in **RESTful**, **SOAP** web services to integrate between **Application** to **Application.**
- Ability to work effectively while working as a **team member** as well as **individually**.
- Excellent communication and **Interpersonal Skills**, **well organized, goal oriented.**

**SKILLS:**

| | | |
|---|---|---|
| **Front End** | : | HTML, CSS, Bootstrap, JQuery, Javascript, Typescript, ReactJS, Redux, Mapbox, Zeplin |
| **Back End** | : | NodeJS, Rails, Knex, Bookshelf, GraphQL |
| **IDE** | : | VS Code, Eclipse, Visual Studio, Android Studio |
| **CMS** | : | Prismic, Typepad |
| **Databases** | : | MySQL, SQL server, PostgreSQL |
| **Version Ctrl** | : | Git, Standard-Version |
| **Task Trackers** | : | Jira, Asana |
| **Cloud** | : | AWS, Azure |
| **Analytics** | : | Adobe, Google, Hotjar |

**EDUCATION:**

| QUALIFICATION | COLLEGE/ UNIVERSITY | YEAR OF PASSING |
|---|---|---|
| Masters | Texas A&M University - Commerce | 2022 |
| Bachelor of Technology | Aurora Scientific and Technological Institute | 2016 |
| Intermediate | Narayana Junior College | 2012 |
| S.S.C | Sri Krishnaveni Talent School | 2010 |

**EXPERIENCE:**

**August 2021 – December 2022**

**Project: Skills**
**Role: Graduate Assistant - Computer Science**

**Description:**
Skills is an Internal Project where all the Faculty and data like Skills, Research Papers, Citations etc are managed. The application also manages roles which inturn gives access to other platforms like Student reports etc

**Responsibilities:**
- Develop wireframes in React.
- Integrate Texas A&M single sign on.
- Use the existing API and display the data.
- Improve performance and UI on existing pages

**Oct 2020 – August 2021**

**Project: Brutus**
**Role: Product Developer**

**Description:**

Brutus is a data driven simulation model. It can closely represent how everyone is likely to travel in the transport system. Thus, we can trace back simulated people throughout all the travel and activities during the day using any mode, including new mobility services. For example, improving commuting is more than mapping A to B – Brutus delivers insights from a full day's traveling on all modes of transport. The detailed data can be analyzed in many ways to study for example the social, economic and environmental sustainability impacts of the proposed measures. As a result, you will achieve better solutions, economic benefits and reach your sustainability targets.

**Responsibilities:**
- Suggested NodeJS & Knex for setting up backend.
- Proposed new DB schema to store geo data over old schema
- Worked on setting up the backend API using NodeJS.
- Worked on setting up the frontend using ReactJS
- Proposed POSTGIS & implemented to format geo spatial data.
- Collaborated with Team members & setup coding standards.
- Documented Coding Standards, Routing & Flow.
- Proposed Git strategy & setup CI/CD in the Project.

**Environment:**
HTML, CSS, Javascript, ReactJS, NodeJS, Azure, R, Redux Saga, PostgreSQL,


**Dec 2017 – Oct 2020**

**Project: Cars.com**
**Role: Full Stack Developer**

**Description:**
Under Cars we've two Projects

**Auto.com**
Auto.com is a vehicle listing service. Users use the site, hosted at https://www.auto.com, look for a vehicle they'd like to buy, then submit a lead form to get more information. The dealership that is selling the car will then contact that person with more information on the vehicle they are interested in.

That's the totality of the system. We don't sell individual listings. We don't sell cars. We simply connect people interested in a vehicle with the dealership that sells it. We make revenue by charging dealers to list their inventory of vehicles. Dealerships, realizing that a customer was connected to them via Auto.com regarding a particular vehicle, will then see value in the advertising package they bought from us.

To be precise, the Auto.com team does not itself sell dealership packages, but our parent company Cars.com does. We are one of several properties that also advertises those listings. Our listings are from Cars.com. We have also included listings from other wholesale partners (Detroit Trading, GetAuto).

**Pickuptrucks.com**
This project initially started with blogs and articles on Trucks, currently it is also a vehicle listing service as Auto but deals with only Trucks.

**Responsibilities:**
- Migrated part of an application from Rails to React.
- Worked closely with clients to efficiently resolve issues or develop features.
- Modified existing software to correct errors, upgrade interfaces & improve performance.
- Wrote maintainable & extensible code in a team environment.
- Interfaced with business analysts, developers & technical support to determine the best requirement specifications.
- Wrote test cases so that the application could be tested in a legitimate environment.
- Providing estimations and status on the assigned ticket.
- Doing Code Reviews and providing suggestions over code standards.
- Worked on SEO related tasks for better indexing.
- Used and have hands on over Insomnia, Postman, Jira, Git, npm, CircleCi, Zeplin, etc.. tools
- Tried and sorted out ways to  increase Performance of the Application
- Worked on Prismic & Typepad CMS (Content Management System) for updating blogs and maintaining internalization

**Environment:**
HTML, CSS, Javascript, ReactJS, NodeJS, Linux/Mac, Docker, Rails, AWS, PostgreSQL, Rest API

**July 2017 – Nov 2017**

**Project: Shop Stevie**
**Role: Full Stack Developer**

**Description:**
This is an E-Commerce project that deals with Clothing & other accessories. It contains multiple modules, but our responsibility is to integrate the Invoice module in an existing application.
**Invoice module**:
In this module the user & the seller gets an invoice as soon as the order is placed.

**Responsibilities:**
- Implemented Worked in Agile Environment and involved in all phases of Software Development Lifecycle (SDLC).
- Understand the application & analyse the functionalities & perform  requirements elicitation
- Developed front-end using HTML, CSS, Bootstrap and used JavaScript for client-side validations.
- Implemented Session beans that encapsulate the backend business processes.
- Developed the User Interfaces using JSP, HTML5, CSS3, and JavaScript.
- Worked on Ruby Technology for the backend of invoice feature.
- Tested the application functionality with RSpec.

**Environment:**
JavaScript, JQuery, AJAX, HTML, CSS, Windows-10, Ruby on Rails.

**May 2016 – Jun 2017**

**Project: EBankart**

**Role: Software Engineer**

**Description:**
This is an E-Commerce project that deals with compound reward points. Users can buy products in nearby Stores affiliated to the Ebankart team & upload those bills in the Application to get rewards. Once the user uploads the bills for every other user's bill uploads, the current user will get 1 reward point.

**Responsibilities:**
- Implemented Worked in Agile Environment and involved in all phases of Software Development Life Cycle (SDLC).
- Understand the business & develop an Android application from Scratch
- Developed the application from scratch.
- Developed an algorithm to calculate & determine the number of reward points based on users & their valid Bill Uploads & Amounts.

**Environment:**
Android Studio, Java.

**July 2014 – May 2016**

**Project: Tasker**
**Role: Associate Software Engineer**

**Description:**
Tasker is a task tracker, any event or task that takes place in the org at manager level. The application has multiple roles like Admin, Manager, Ass Manager etc. Each role can find his tasks in his corresponding dashboard and even can assign a task to his direct reports. To create a task a form needs to be filled and these forms are managed by a micro service called From Engine.

**Responsibilities:**
- Developed a complete application from UX.
- Suggested improvements in UX to improve readability.
- Implemented Typescript to standardize the project.
- Proposed DB schema for the Project.
- Structured a flow between app development to deployment.
- Wrote maintainable & extensible code in a team environment.

**Environment:**
HTML, CSS, Javascript, Typescript, NodeJS, PostgreSQL