Manoj Kumar.Y Software Engineer

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## **EXPERIENCE SUMMARY**

Full Stack Developer with a passion to learn and leverage modern UI technologies and highly skilled in writing scripting languages for many use cases and comfortable to analyze and understand the design under time pressure. Proficient at developing single page applications using React and writing backend APIs for application servers using Node js & Golang.

- > 2+ years of IT experience in development of client / server, web based and n-tier application.
- Extensive experience in developing web page quickly and effectively using ReactJS, Redux, HTML5, CSS3, Responsive Web Design, Bootstrap.
- ➤ Good experience in developing responsive web pages for different devices like Mobile, Tablet and Desktop using Twitter Bootstrap.
- Experience writing ReactJS code for developing Single page applications (SPA).
- Implemented charts and graphs in ReactJS.
- Experience in writing CRUD APIs using Node js frameworks such as Sails js & Express and Golang.
- Scheduling cron jobs for automation scripts & server maintenance.

## **TECHNICAL SKILLS**

Primary skills : React JS, Redux, Html5, Css3, Javascript, Golang

Application Framework : Node js ( Loopback ), Sails js, Express, Lua

Libraries & UI Tools : Twitter Bootstrap, Jquery

Source Control Tool : Git
Agile Management Tool : Jira

Database : PostgreSQL, RDBMS, MongoDB

Build Tools : Webpack, Gulp

#### **EDUCATION:**

Completed Bachelor Of Engineering (Computer Science) in Velammal Engineering College affiliated to Anna University from 2013-2017.

#### **CERTIFICATIONS:**

- Completed Business English Certification (BEC) with merit at the Cambridge University of UK
- Completed Data Analysis and Hadoop Training Certification with Cognizant Technology Solutions (CTS)

#### **WORK EXPERIENCE DETAILS**

## **HappyFox Chat (Live Chat Application)**

A live chat based software product built to deliver the most focused and highly relevant data to every chat and deliver personalized customer service. It is lightweight and mobile responsive with features such as integrations, sync and streamline data between HappyFox Chat and various applications relating to helpdesk, analytics, mailing, reporting, e-commerce, etc. Native mobile applications for Android, IOS and desktop applications for Windows and Mac.

**Role: Full Stack Developer** 

Tech Stack: React JS, Node JS, Golang, React-Native, Mongodb, Redis

Job Responsibilities:

- Involved in implementation of browser compatible & responsive UI screens
- Involved in implementation of charts and graphs for reporting
- Involved in constructing backend APIs in Golang for chat application

## Factory 360 (Industrial IOT & Asset Management Project)

An IOT based product to maintain all the assets of a company and provide infrastructure for edge computing, advanced data streaming, data analytics and deep learning to provide predictive asset maintenance and insights.

**Role: Frontend Developer** 

Tech Stack: React JS, Java, Spring Boot, Hibernate, MySQL, Redux

Job Responsibilities:

- Involved in applications basic setup and architecture
- Involved in implementation of browser compatible & responsive UI designs
- Building dashboards consisting of charts & graphs based on real-time data

## **Intelligent Talent Acquisition**

Intelligent Talent Acquisition (ITA) project is a software for recruitment agencies. It involves Artificial Intelligence to identify the matching candidates. It handles the complete workflow of the recruitment agencies from the sales team to the candidates.

**Role: Full-Stack Engineer** 

Tech Stack: Node Js, PostgreSQL, ReactJS, Express.js, Sails js, Redux

Job Responsibilities:

- Involved in applications basic setup and architecture.
- Involved in writing reusable react components using React Bootstrap.
- Developed browser compatible & responsive designs from wireframes.
- Developed backend APIs for performing CRUD operations
- Automated cron job schedulers for server maintenance

#### Techfetch

Techfetch project is a software for recruitment agencies to hire candidates and for candidates to apply for jobs . It involves Artificial Intelligence to identify the matching candidates. It handles the complete workflow of the recruitment agencies from the sales team to the candidates.

**Role: Frontend Developer** 

Tech Stack: React js, Redux, Java, Vertex, MySQL

**Job Responsibilities:** 

- Involved in developing codebase from scratch
- Developed interactive and responsive, browser-compatible UIs
- Worked as sole react developer
- Actively participated in scrums and client interactions on day to day basis

### **Pragmatrix (Blockchain based IOT Security Project)**

Pragmatrix is a blockchain based IOT Security Project and the main motive is to avoid tamper proofing of IOT device data by generating a digital fingerprint for each IOT Device in the network based on a set of parameters and storing the values in a permissioned blockchain such as hyperledger. Prevents malicious attack and data manipulations by external invaders.

**Role: Golang Developer** 

Tech Stack: Golang, React. Redux, Hyperledger(Blockchain framework)

# Job Responsibilities:

- Involved in developing backend APIs to retrieve data about IOT devices
- Built and exposed a web server using Golang for device discovery