RamaKrishna B

Software Engineer - II

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Professional Summary

- A highly versatile Software Engineer with a proven ability to leverage full-stack expertise to build interactive and user-centered website designs to scale.
- Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

Education

MCA — 2014 - 2017

RNS Institute Of Technology

65%

Bsc - Physics, Maths & Computer Science — 2010 - 2013

Vijaya College, Basavanagudi

57.65 %

Work Experience

Software Engineer — October 2018 - Till Date

Cerner Corporation

Software Engineer — August 2017 - October 2018

Silfra Technologies

Project Details

Multi Patient Charting Framework Application — Jan 2019 - Till Date

Cerner

A Web App provided to the hospitals to store Behavioral Health Information. It tracks and stores Therapeutic notes of both the Group Therapy Sessions and Individual Patient Session information like Diagnosis and Patient session attendance information. All these clinical notes will be Encounter specific against the Facilitator(s)

Technologies Used: ReactJs, ReduxJs, Sass, Ruby on Rails, Selenium TestNG

Role and Responsibilities:

- Using JIRA to track sprints, creating user stories and tasks Designing and developing Front-end pages using Terra UI.
- Creating REST APIs using Java Jersey framework.
- Writing unit test cases, snapshot tests with Jest framework and maintaining code.
- coverage in ReactJs projects.
- Writing WDIO test cases for Visual regression testing in ReactJs projects.
- Using ESLint for code quality and code styling.
- Writing Capybara and RSpec test cases and maintaining code coverage in rails engine.
- Deployments using Electric Cloud / Electric Commander. Writing VR Automation scripts using Selenium TestNG.
- Writing Integration tests using cucumber and scala

Online Consultation Application — Nov 2018 - Jan 2019

Cerner

A Dashboard that provides the platform for the Patient to view Diagnosis related queries posted by different patients and also enables the logged in patient to post their queries. The Queries will be displayed for the specialized Physicians to answer them.

Personal Interests

Badminton, Cooking, Watching movies

Skills

React JS, Redux, Saga

HTML5, CSS3, Javascript

Bootstrap, JQuery

MySql, Oracle, H2 DB

Java, Maven, Jersey

Data Structures

Awards

Night on the Town Award - Won for Outstanding Contribution in Q1 - 2020, Cerner

Functional Area

- Development
- DevOps practices
- Agile methodology

Technologies Used: ReactJs, ReduxJs, NodeJs, Mongo DB

Role and Responsibilities:

- Using JIRA to track sprints, creating user stories and tasks.
- Designing and developing Front-end pages.
- Using HTML5 Speech Recognition API for Text to Speech (Vice versa) for Therapeutic notes.
- Used google Api for sign up and login.
- Using NLP node Library for filtering patient queries which has similar terminologies with Algorithm feeding.
- Creating REST APIs using NodeJs.
- Writing unit test cases, snapshot tests with Jest framework and maintaining code coverage in ReactJs projects.
- Writing WDIO test cases for Visual regression testing in ReactJs projects.

Exports   Aug 2017 - Oct 2018
Silfra Technologies

A web application used to handle the customs clearance. All the intelligence of Customs regulations is built in this product and is updated regularly to incorporate any changes in government policies. Used to fill in all the details which generates checklist and flat file(machine readable). This application is user friendly which reads PDF file and generated checklist automatically.

Technologies Used: HTML5, Bootstrap, Javascript, JQuery, Spring Boot, Mysql

Role and Responsibilities:

- Designing and developing Front-end pages
- Creating REST APIs using Spring Boot
- Using PDF box jar in java to read a PDF file and parse the contents to automate the process of user entering the information on the application.
- Client interaction and deploying application to client domain.

Hindalco   June 2018 - Oct 2018
Silfra Technologies

Mobile application which has a dashboard to display the mining transactions.

Client : Aditya birla group

Technologies Used: Xamarin, Spring Boot, MsSql, H2 DB, Redis cache

Role and Responsibilities:

- Creating REST APIs using Spring Boot
- Implemented H2 DB on spring boot to maintain large excel sheet data on application runtime.
- Implemented Redis cache concept using cron job to serve the data on a daily basis without the user waiting for the response after launching the application.
- performing calculations to filter out the data based on the user provided criteria.

FAC Direct Health Insurance   Jan 2018 - Oct 2018
Silfra Technologies

A web application built using wordpress template which deals with family health insurance.

Technologies Used: Wordpress, php, Jersey Restful Api, MySql

Role and Responsibilities:

- Customizing the wordpress template.
- Handling insurance plans and policies on the from end.
- Implemented browser local storage for retaining the user input details.
- Constructed UI to upload the policy rates through excel sheet and store on DB using restfull api(jersey framework).