Curriculum vitae

Personal data

Name: Radhakrishnan K.

Technical Knowledge and Skills

Javascript, HTML, CSS, React, TypeScript, GraphQL

Fullstack developer with 8+ years of experience and 13+ years of IT experience. Have experience in developing and deploying scalable web apps optimised for performance and efficiency. A passionate learner and team player. Have experience working in Agile way.

Education

July 2003 — May 2007	India **Bachelor of Technology, National Institute of Technology**

Work experience

July 2020 - Present	**IT Services and IT Consulting Company, United States, North Carolina** Software Engineer IV **Stack**: • Python, • Go, • JavaScript, • React, • Firebase, • Dialogflow, • Vue.js.

Responsibilities:
- Contributed to the transition of a monolith in Python to microservices in Golang which reduced latency by 40% and improved the overall efficiency and performance;
- Implemented CI/CD for existing web apps which reduced the shipping time from sandbox to staging to production;
- Along with the team developed a web app which provided basic COVID-19 diagnostics. Built using React, Firebase and Dialogflow for speech recognition;
- Created an Admin portal using React to help the admins manage subscriptions for various Avaya products;
- Reduced the load time of a Vue.js web app by 50% which serves a million requests daily.

October 2015 - July 2020

IT Services and IT Consulting Company, India, Bangalore
Technical Architect

Stack:
- JavaScript,
- Mongo DB,
- Express,
- React,
- Node.js,
- Rest API,
- React,
- D3.js.

Responsibilities:
- Successfully revamped a payments web app using MERN stack which reduced the time for uploading payments and reporting by 50%;
- Created RESTFul APIs in Nodejs by accumulating data from different sources into a single database using pub/sub which helped the teams to get the data instantly;
- Created a data analytics dashboard using React and D3.js to display the Key performance metrics for

different functional verticals.

June 2010 - October 2015	**IT Services and IT Consulting Company** Technical Consultant **Responsibilities**: • Created a WebApp for storing workplace service requests for analysing common patterns which helped to reduce major incidents; • Automated workplace services by having an integrated solution for end-user needs.
August 2007 - June 2010	**IT Services and IT Consulting Company** Systems Specialist **Responsibilities**: • Working on Powershell scripts and automation.

Portfolio

GoForClose/RealEstate App
October 2020 - June 2022

Description:
RealEstate App scrapes housing data from the web, finds the right owners for the houses

through skiptracing and finds the potential sellers through AI for the US market.
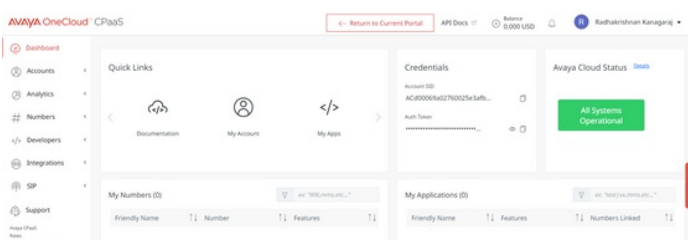
The objective was to create an app to empower real estate investors to close deals without much hassle.
Here all the hard work involves collecting housing data, processing them and scoring each property based on certain parameters using AI and then providing that data to investors.

I was tasked with the design, development and deployment of this app as a freelance developer.

Technologies used:
Javascript, React, Node.js, Express.js, MySQL

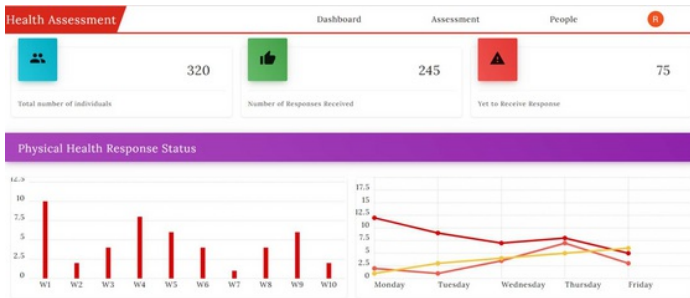## Cloud SaaS
June 2020 - June 2022

Description:
Communication Platform As A Service (CPAAS) is an offering from the company targeting small and medium businesses to virtualize their customer support services.
The objective was to create a web app to show the details of all the CPAAS offerings and enable the customer to add/remove services. Also, give analytics metrics and usage for the products for which the customers have subscribed.
Earlier there was no front-end web app to perform the CURD operations for the CPAAS platform. With the creation of this, even the analytics for the usage was available which was earlier performed manually.

Technologies used:
Javascript, React

Health Dashboard
June 2020 - June 2022

Description:
During Covid, Companies were finding it difficult to track the physical and mental well-being of their employees. Employees were also facing hardships in sharing their mental wellness.

The objective was to create a web app to track the overall well-being of employees in an organization and refer them to counselor if they need any help. It was part of the Social responsibility program of Avaya and the entire app was provided as a free service to existing customers

Major clients of Avaya adopted this service where SMS was sent to each employee with a link to take the assessment. It will connect to a chatbot powered by google Dialogflow which asks a basic set of questions. Based on the answers provided it will ask a related sub-set of questions. Finally, the metrics will be logged into the database.

Technologies used:
React, Javascript