Avinash Naik Kethavath
Quick Learner

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Overview

I'm currently working in Agile Methodology. I have a good understating on object oriented programming, data structures and algorithms. Experienced working with layered architecture and also with micro-service architecture too. Took responsibility for feature-focused unit and functional testing. Having a solid working experience on various of frameworks, tools, and good open-source applications. Also I have a solid experience in functional programming[namely JS, Haskell] and authorization protocols[namely OAuth] and provided good quality code along with tests and automation's.

I'm good team player, creative, open minded, determined, solution oriented, enjoy working with orders, open to learn.

Education

- **Indian Institute of Technology Roorkee**
  Roorkee, India
  Bachelor of Engineering in Computer Science; CGPA: 5.922
  Jun. 2015 – May. 2019

- **Sri Chaitanya Junior Kalasala**
  Hyderabad, India
  Higher Secondary School; Percentage: 96
  May. 2013 – May. 2015

Experience and Projects

- **Sumtotal Systems, LLC**
  Hyderabad, India
  Software Engineer II
  Aug 2019 - Present
    - **Activity Search Optimization**: To achieve faster response time to view activities for a user, re-structured the architecture to use Apache Solr's index instead of database cache which improved database CPU performance.
    - **Building a work-flow**: Built a new page where it simplifies the registration process for a particular type of activities.
    - **ActivityManagementService**: Micro-service using .NETCORE which manages an activity. It consists of CREATE, GET, UPDATE. And an active member of this team.
    - **ContentManagementService**: Building a new micro-service using .NETCORE which manages file uploads by a user.

- **Tresm Labs Pvt. Ltd**
  Hyderabad, India
  Intern
  May 2018 - Jul 2018
    - **Video Chat**: An application which allows you to setup a peer-to-peer connections to others browsers quickly and easily using WebRTC API.
    - **Automatic Speech Recognition**: A Telugu language model built using Kaldi Tool Kit. Kaldi toolkit, which is one of the most notable speech recognition tools that is written in C++ and released under the Apache License v2.0, is used to build, train, and evaluate a digital ASR system. Kaldi provides tremendous flexibility and power in training your own acoustic models and forced alignment system.

Technical Skills

- **Languages**: HTML, CSS,Javascript, CSharp, SQL, NoSQL[Redis, Mongo, Cassandra], C++

- **Frameworks**: AngularJS, ReactJS, NodeJS, WebRTC, Gulp, Bootstrap, LESS, SASS, Git, Jira

- **Testing Framework**: Jasmine, Fluent Assertions, Xunit

- **Toolkit**: Kaldi, Apache Solr

Awards

- **Spot Award**: Reward for playing a major role in Activity Search Optimization project.

- **Spot Award**: Reward for performing an outstanding job in handling ActivityManagementService work.

Extra Curriculars

- **SumTotal Systems**: Wrote documentations for the work done.

- **SumTotal Systems**: Worked on automation's for one of the sprints which is recognizable.

- **SumTotal Systems**: Actively participated in coordinating annual function 2019.

- **IIT Roorkee**: Designed a logo representing Student's Club.

References

- **Atimukt Mangla**
  Manager, Developer Sr.
  SumTotal Systems LLC, Hyderabad.

- **Vamsi Krishna Yeluri**
  Chief Executive Officer
  NUACEM[Tresm Labs] , Hyderabad.