

Sughosh Raviraj Jahagirdar

srjahagi@asu.edu | (425)-770-8525 | linkedin.com/in/rjsughosh | github.com/rjsughosh | sughosh.web.app

Summary

Experienced front-end developer proficient in JavaScript, HTML, CSS, React and other front-end frameworks to deliver pixel perfect User Interfaces. Currently a masters student at Arizona State University and looking for full-time opportunities post my graduation in May 2021.

Experience

Full Stack Engineer, Edplus at ASU, Tempe, AZ (Part-time)

June 2020 - Present

- Translated design team's UX wireframes into responsive and interactive features for ASU Online using Gridsome and Vue.js
- Coded reusable UI components for ASU Online using storybook and Vue.js
- Contributed to ASU rocket design system by participating in every step from design to development and creating components for the RDS component library
- Technologies: Vue.js, Gridsome, Design system, Storybook, Node.js

Full Stack Developer, Physics Department at ASU, Tempe, AZ (Part-time)

June 2020 – Jan 2021

- Increased mobile users 2x by revamping UI with a robust mobile first periodic table UI component using Angular.
- Optimized search time by 300% by remodeling the RESTful services in Python, Flask and MongoDB.
- Enhanced user experience and accomplished webpage objectives by creating site structure, navigation, search engine optimization and graphic animations which increased monthly visitors by 200.
- Fixed bugs and refined overall code quality which significantly improved user experience and development time.
- Technologies: Angular, MongoDB, Python, Flask, Node.js.

Software Engineer, Moonraft Innovation Labs, Bengaluru, India

August 2017 – July 2019

- Developed pixel perfect responsive and modular web pages using Angular 7 and React.
- Implemented RESTful services in Node.js, AWS (API gateway, Lambda and DynamoDB) with UI integration and Iterated user experience to increase user's form completion in Jazz by 200%.
- Built static documentation website using Hugo.io and incorporated data visualization graphs.
- Wrote CI/CD Jenkins scripts for automated builds of APIs and websites.
- Performed unit testing for front-end and back-end services to identify bugs and UI improvements using Mocha and Jest.
- Managed the training program for newly recruited employees.
- Technologies: Angular, React, Redux, Hugo, Node.js, AWS, Serverless, Jenkins, D3.js, Angular Charts, Chart.js

Education

Master of Science in Computer Science, Arizona State University, Tempe, AZ

Expected May 2021

- GPA: 3.85 / 4
- Relevant course work: Human Computer interaction, Data Visualization, Foundation of Algorithms, Mobile Computing, Semantic Web Mining

Bachelor of Engineering in Computer Science, R.N.S Institute of Technology, Bengaluru, India

2013 – 2017

- CGPA: 8.2 / 10

Technical Skills

- Programming:** JavaScript, Python
- Web:** HTML, CSS, SCSS, Bootstrap, jQuery, React, Angular, Vue.js, Gridsome, Storybook, Design system, D3.js, Chart.js, Angular Charts, Node.js, Serverless, Jenkins, Flask, PHP, AWS
- Other:** SQL, Postgres, MongoDB, Jenkins, Git, Linux, Jira, Rally, CI/CD.

Academic projects

- Pandemic Viz:** Developed a pandemic visualization system for the IEEE Data visualization Mini Challenge. Built 8 different connected graphs in React using D3.js which can answer and analyze the Mini challenge questions. *Demo - <https://pandemic-dashboard-cse-578.netlify.app/>*
- COVID symptoms app:** Built a COVID symptoms Android application which can log various symptoms, calculate heart rate and breathing rate using the phone's rear camera and accelerometer.
- Real-time Facial emotion recognition:** Implemented a real-time application that takes continuous image input from a webcam and instantly detects the facial emotion of the person and overlays a suitable emoji on the person's face. Trained a convolutional Neural Networks using custom data set of 50 people, CK+ and JAFFE.

Co-curricular activities

- Event manager:** Managed logistics and budget for TGIF and various social events at Moonraft Innovation Labs.
- Represented RNSIT at 29th CSI Karnataka Students Convention and presented a paper on 'Application of Virtual Reality in Diagnosis and Treatment of Down's syndrome in children in their pre-teens and early teen'