

# Sagar Rajeshbhai Pandya

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## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Cucumber, Python
- **Web Development:** JavaScript, TypeScript, ES5, ES6, HTML 5, CSS3, Docker, Kafka, RESTful services
- **Mobile Development:** Android
- **JavaScript Framework:** Node.js, React.js, Express, Redux, React Routes
- **Cloud Services:** Amazon Web Services, Google Cloud Platform, Jenkins, CloudGrid
- **Database and Development Tools:** MYSQL, MongoDB, VSCode, IntelliJ, Trello, WebStorm, TestRail
- **QE Related Technologies:** Cucumber, TestNG, Selenium, Postman

## PROFESSIONAL EXPERIENCE

### Quality Engineering Intern | 8x8 Inc., USA

June '20 – December '20

- Provided tools and infrastructure to other teams from Quality Engineering team
- Worked on automation of test cases related to different cloud communication products
- Improved existing test cases with detailed steps and added new to the test rail as well as automation suite
- Learnt new concepts related to Jenkins and cloudGrid
- Followed sprint planning and CI/CD to work with developers and operations team

### Mobile Application Development Intern | RapidOps Inc., India

January '17 – June '17

- Developed Hybrid mobile application using NativeScript, Angular.js, Node.js, ES6, REST API architecture
- Worked in a team to make custom reusable components from the scratch
- Enabled the organization to track multiple on-going projects using a single tool

### Web Development Intern | Majesty IT Services, India

January '15 – May '15

- Worked with team of Microsoft Certified Developers on a government approved project
- Integrated Azure Cloud Services to build Microsoft Desktop and Mobile Application
- Used C#, php and dotnet technology in the project, used Azure Cloud Services

## CERTIFICATION

### ISTQB Foundation Level 2020 Complete Training – Udemy

January '21

- Learnt key concepts in testing software application
- Understood test techniques and test designing that adequately cover requirements and business events

## PROJECTS

### ToolShare Website using React.js, Node.js, MYSQL

August '19 - December '20

- Platform to share the household tools which are dormant most of the time and can be shared with the community – thinking from the sharing economy point of view
- Using React.js in the front end and node.js in the backend to manipulate SQL database
- Hosting on Amazon Web Services

### Task scheduling website using react, redux, express, html5 and css3

August '19 – December '19

- Implemented a single gateway to call all the backend services and used socket to keep it real time list
- Used cookies and redis server to reduce the time and server calls for authentication
- MongoDB integration to store all users and their specific notes

### GatorHousing(SF State) Website using Embedded JS, Node.js

January '19 – May '19

- Website for the SF State Students to find staying accommodation around the campus
- Manipulated SQL database hosted on Amazon Web Services as RDS instance using Node.js
- Followed proper Software Engineering process including 5 different milestones in team of 7 people

### Train Operating System using C

January '19 – May -19

- Wrote an operating system from scratch for a toy train to travel safely from source to destination
- Project code for concepts like concurrency, IPC, interrupts, context switching, multitasking in C language

## EDUCATION

### San Francisco State University

M.S in Computer Science

GPA: 3.7

August '18 – December '20

### Symbiosis Institute of Technology

B.Tech in Computer Science

GPA: 3.33

August '15 – May '18

### Nirma Institute of Diploma Studies

Associate Degree in Computer Science

GPA: 3.8

August '12 – May '15