

---

## EMPLOYMENT

---

<b>Full Stack Developer</b>	<b>SPAK Technologies</b>	<b>Oct 2020 – Now</b>
-----------------------------	--------------------------	-----------------------

- Worked on a highly available, low latency, scalable and distributed Tele-medication project to facilitate remote treatment and medication for patients across the world via live sessions, medication planning, video recordings, progress tracking, printing, messaging and notification services etc.
- Worked on Condition monitoring system for large scale machineries, which helps in detecting issues like improper configuration, connection issues, and faulty device(s) by performing a variety of long running tests, and also facilitates monitoring of the overall system's health.
- Created an automated, scalable, high performance and highly available system to transform and transfer raw data and Characteristic data from several client sources like ftp servers, databases etc. to an intermediate storage location(backup) and thereby to the final destination located at various parts of the world based on the network availability.

<b>Software Engineer</b>	<b>Sunquest Information Systems</b>	<b>Feb 2018 – Oct 2020</b>
--------------------------	-------------------------------------	----------------------------

- Created a low latency & highly available web application to allow pathologists to onboard new patients, add diagnosis, link materials, add and update tests, create, edit and send reports to patients via mail and more.
- Created material processing and tracking application to track the status of materials currently in process, and update the details in a centralized database.
- Worked on performance improvements of the solution, which helped in reducing the loading time by 50%, and improved the search performance by almost 30%.

<b>Software Engineer, Intern</b>	<b>Sunquest Information Systems</b>	<b>Dec 2017 – Feb 2018</b>
----------------------------------	-------------------------------------	----------------------------

### l18n Extractor

- Created a utility to extract, detect type and replace hardcoded strings from the source code to reduce the manual effort for internationalization.
- Used extensive regular expressions to detect the properties and usage statistics of hardcoded strings which in turn helped in faster decision making, and highly efficient internationalization.

---

## EDUCATION

---

<b>Tumakuru, Karnataka</b>	<b>Sri Siddhartha University</b>	<b>July 2013 – July 2017</b>
----------------------------	----------------------------------	------------------------------

- B.E. in Mechanical Engineering with 8.24 GPA.

---

## TECHNICAL EXPERIENCE

### Projects

- **Live coding and video streaming service** (2020). A React and Node Js application for p2p video streaming, and live coding with a text editor which synchronizes the data using Operational transformation.
- **Music Streaming application** (2020). A frontend application to stream music, search for tracks, artists, to create playlists etc. built on React with Redux.

---

## ADDITIONAL EXPERIENCE AND AWARDS

- Completed full stack Java development course from Uttara info solutions on December 2017.
- Received a Pixel award for proactively creating a generic device management tool with self-interest, which helped clients to easily add support to new devices thereby reducing effort for development and support teams.

---

## LANGUAGES AND TECHNOLOGIES

- **React JS**, Redux, JavaScript, jQuery, HTML, CSS, SASS.
- **Node JS, Express JS, C#, Java, Python, ASP.NET, Win Forms, Win Services.**
- **Distributed systems, Micro services**, Docker, Socket IO, RabbitMQ, Kubernetes, S3, EC2, Elastic search, Nginx.
- **SQL SERVER, Mongo DB**, Cassandra, Redis.
- Proficiency with **Designing Systems**, Algorithms and Data structures.