

## SUMMARY

Full-Stack developer with 3.5+ years of hands-on experience designing, developing, and implementing highly scalable applications and solutions using a range of technologies and programming languages.

## EMPLOYMENT

| Full Stack Developer | Spak Technologies | Oct 2020 – Now |
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- Designed and developed key features for a highly available, low latency, scalable and distributed Tele-medication application 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.
- Designed and developed the 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.
- Designed and developed 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.

| Software Engineer | Sunquest Information Systems | Feb 2018 – Oct 2020 |
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- Worked on adding key features to 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.
- Designed and developed a material processing and tracking application to track the status of materials currently in process, and update the details in a centralized database.
- Extensively worked on performance improvements of the system which has helped in reducing the loading time of the application by 50%, and improved the search performance by almost 30%.

| Software Engineer, Intern | Sunquest Information Systems | Dec 2017 – Feb 2018 |
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l18n Extractor

- Designed and developed 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.

## TECHNOLOGIES AND SKILLS

- Front end** – JavaScript, React JS, Redux, jQuery, babel, webpack, HTML, CSS, SCSS.
- Back end** - Node JS, Express JS, C#, Python (scripting).
- Persistence** - SQL Server, Mongo Db, Cassandra.
- Miscellaneous** - Distributed systems, Micro services, Docker, Kubernetes, Nginx, RabbitMQ, Aws S3, EC2, Elastic Search, Redis, Proficiency with designing Scalable Systems, Algorithms and Data structures.

## EDUCATION

| Tumakuru, Karnataka | Sri Siddhartha University | July 2013 – July 2017 |
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- B.E. in Mechanical Engineering with 8.24 GPA.

## PERSONAL 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.