Koramangala, Bangalore
https://akshay73.netlify.app

AKSHAY KUMAR

8095594790
ak37.edu@gmail.com

SUMMARY

Full-Stack developer with excellent problem-solving skills and 4 years of experience designing and developing highly scalable and secure applications using a range of technologies and programming languages.

KEY SKILLS

- **Front-End** - JavaScript, React JS, Redux, jQuery, babel, webpack, HTML, CSS, SCSS.
- **Back-End** - Node JS, Express JS, C#, Win forms, Python.
- **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.

EMPLOYMENT

Full Stack Developer   **Spak Technologies**   **Oct 2020 – Now**

- Designed, developed, reviewed and delivered key features for a highly available Tele-medication application to facilitate remote treatment and medications for patients across the globe at scale.
- Designed and developed the Condition monitoring system for large scale machineries which has improved the production rate by about 15%.
- Designed and developed an automated monitoring and data-transfer tool which has helped in increasing the efficiency of the overall system management by 30%.
- Worked on scaling and improving performance of the systems using variety of tools and technologies.

Software Engineer   **Sunquest Information Systems**   **Feb 2018 – Oct 2020**

- Designed and developed several key features for a low latency & highly available pathology solution.
- Designed and developed a material processing and tracking application to help users in tracking, processing, and storing materials accurately and with high efficiency.
- 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**
I18n 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 of the solution.
- 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

Tumakuru, Karnataka   **Sri Siddhartha University**   **July 2013 – July 2017**

- 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.