

# AKSHAY KUMAR

SOFTWARE ENGINEER

Koramangala, Bangalore

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## OBJECTIVE

*An ambitious and self-motivated programmer with **4+** years of experience in designing and developing highly scalable applications, with excellent knowledge of Web and Standalone application development, seeking for a challenging career with a lot of opportunities to learn and improve upon.*

## EDUCATION

AHS, Gowribidanur,  
Karnataka:

[86.04% - 10th - 2011]

B.G.S, Gowribidanur, Karnataka:

[86.33% - 12th - 2013]

SSIT, Tumakuru, Karnataka:

[8.24 GPA - B.E - 2017]

## TECHNICAL SKILLS

### Front End-

- **React JS, Redux, JavaScript** (ES5/ ES6), JSX, JWT, Babel, Webpack, jQuery, Ajax, CSS, SASS, HTML.

### Back End-

- **Node JS, Express JS**, Mongoose, Socket IO, Micro services, Distributed systems, Docker, RabbitMQ, Redis, Kubernetes, Aws S3, Elastic search, Nginx.
- **C#, ASP.NET**, WEB API, MVC, Win Forms, Win Services, WPF, LINQ, ADO.NET, ENITIY FW.
- **Python, JAVA**.

### Data Base-

- **SQL SERVER, Mongo DB**, Cassandra.

### Miscellaneous-

- Proficiency with **Algorithms, Data structures, and System design**.

## Key Interests —

Designing highly scalable Systems.

Algorithms and data structures

Web application development

Application Performance tuning

Hacking and application security

Machine learning and AI

## Connect



## EXPERIENCE

**Dec 2017 – Feb 2018:**

**Intern** at **Sunquestinformation systems, Bangalore**

- **Extractor**, Designed and developed a Standalone application to extract, display, and export all the **hardcoded** strings along with the details like **type** of hardcoded value, line number etc. in a given project solution (C# or SQL or Delphi) by using the modular Regular expressions extensively.

**Feb 2018 – Oct 2020:**

**Software Engineer** at **Sunquestinformation systems, Bangalore**

- **PowerPath**, Designed and developed a Material processing and tracking application which communicates with third party applications over via the **H7** to process materials, update status and print labels/ patient reports.
- Designed and developed Barcode configuration utility which allows the clients to update or add support to new barcode scanners.
- Designed and developed granular level role-based permissions across the solution to improve the security and access privileges.
- Designed and developed a text editor like M.S word with minimal and key features which helped in reducing the third-party dependency and to have complete access over the source code.
- Designed and involved in converting a standalone windows application into a set of high-performance windows services, which interconnects on-demand to exchange relevant information through dot net remoting via TCP/IP.
- Improved performance of several applications by using techniques like Algorithmic thinking, multithreading/ asynchronous programming/ SQL Query optimization techniques/ SQL Indexes/ Paginations/ Execution plans etc.
- Involved in Designing solution level multi time zone feature.

**OCT 2020 – Now:**

**Full Stack Developer** at **SPAK Technologies, Bangalore**

- **MVB Telemed**, was part of design and development of the tele medication project using the MERN stack, and micro services architecture along with technologies like Elastic search, Aws S3, Socket.io, NGINX, Redis and others.
- **CMS Tools**, Designed and developed a MERN stack application which is used to detect errors and improper machine-sensor configurations in large scale machineries, and to monitor and configure the entire system with ease.
- **CMS Data transfer and monitoring**, Designed and developed a node JS application with windows services which helps in monitoring, transforming and transferring data from various sources to single centralized location scale, also facilitate alerts and push scheduled summary notifications.