AKSHAY KUMAR

SOFTWARE ENGINEER

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OBJECTIVE

*An ambitious and self-motivated programmer with **2**+ years of experience in designing and developing scalable and performance-oriented 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 —

Acharya High School, Gowribidanur, Karnataka:
[**86.04%** - 10th Std - 2011]

B.G.S PU College, Gowribidanur, Karnataka:
[**86.33%** - 12th Std - 2013]

Sri Siddhartha Institute of Technology, Tumakuru, Karnataka: [**8.24** GPA - B.E in Mechanical - 2017]

TECHNICAL SKILLS

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

Back End-
- ➢ **C#, ASP.NET**, *WEB API, MVC, Win Forms, Win Services, WPF, LINQ, ADO.NET, ENITIY FW.*
- ➢ **Node JS, Express** *JS, Mongoose, Socket IO, Micro services, Distributed systems, Docker, RabbitMQ, Redis, Kubernetes, JEST.*
- ➢ **Python**, *Django, Django Rest FW.*
- ➢ **JAVA**, *JEE, SPRING, Hibernate, Junit.*

Data Base-
- ➢ **SQL** *SERVER,* **Mongo** *DB, Cassandra.*

Miscellaneous-
- ➢ **Algorithms, Data structures, System design**, *Windows, Linux, TFS, GIT, Agile.*

EXPERIENCE

December 2017 – February 2018: Intern at Sunquest information systems, Bangalore
- 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.

February 2018 - *Now*: Software Engineer at Sunquest information systems, Bangalore
- Designed and developed a Device interface application which communicates with various other applications over the network using HL7 in order to process materials, update status and print labels/ patient reports etc.
- Designed, developed, and documented the feature of generalizing HID barcode scanners for the material tracking application which helps end users to configure any new barcode scanner on their own by using a utility application provided.
- Designed and involved in implementing 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.
- Worked on internalization of the entire solution to support Turkish, created utilities to automate manual and repetitive tasks to help internal teams.
- Involved in Designing solution level multi time zone feature.
- Fixed many critical and challenging CR's/ Bugs/ Emergency patches.
- Collaborated with other developers to build several other features throughout various phases of project lifecycle.
- Involved in documentations/ releases/ release planning/ RCA and other SDLC activities.
- Also was part of Design/Development/Unit testing/ Impact analysis/ Code reviews/ Functional Testing for various features.