

Career Summary:

- A performance driven professional with 6+ years experience with experience in C#.NET, SQL Server 2008/2008 R2 and new tools & technologies like NoSQL (Mongodb, Elasticsearch), Messaging queue (Rabbitmq) and distributed server (docker).
- Capable to delve into the new leading Technologies.
- Streamlined production warehouse, shipping procedures resulting in higher throughput while maintaining a high quality level.
- Interested in improving my interpersonal skills and leadership qualities.

Personal Traits

I have been inspired by the tools and technologies we rely on daily basis to get the required information from the vast collection of data using various algorithms. Having spent 6+ years in a competitive, performing short and long term strategic development activities, I have gained knowledge to the various strategies to handle big data like, accessing, processing and storage management. I will diversify my learning and work experience through which I could streamline my passion for sustainable development.

PROFESSIONAL EXPERIENCE

Technical Lead (May 2016 – Present)

Checktronix India Private Limited (A Burning Glass Technologies Company)

- Worked in designing Microservice with distributed architecture for near-real-time data processing.
- Hands on experience with NoSQL tools & technologies like Mongodb, Elasticsearch.
- Worked on implementing Continuous Integration and Continuous Deployment.
- Blogging to spread the technical knowledge.

Team Lead (May 2015 – May 2016)

Checktronix India Private Limited (A Burning Glass Technologies Company)

- Improved 300+% performance in processing 500+ million data to complete within 3 months compared to older system which took 1+ years.
- Worked on re-designing and development to increase performance of Deduplication system with above **9000+% performance**. Reducing 30 days process down to 1 day to evaluate 500+ million data.
- Acted as scrum master with Agile practice and commitments.
- Involved in business discussion to product roadmap & leading the young team of developers.

Senior Software Engineer (May 2014 – May 2015)

Checktronix India Private Limited (A Burning Glass Technologies Company)

- Leading the young team of developers.
- Experience in working with source control and continuous integration systems.
- Worked on streamlining the system to produce higher throughput.
- Communicating with business team on requirements.
- Teaching trainees on SDLC.

Software Engineer (May 2011 – Apr 2014)

Checktronix India Private Limited (A Burning Glass Technologies Company)

- Joined as developer in C#.Net (Application / Windows Service) to handle job information to various clients.
- Experience of working in standard framework for the application development.
- Providing solution to the business problems on various aspects.
- Enhanced the various Job Feed Processing components to improve throughput with an increase in timeliness of deliveries.
- Worked on SSMA tool for migrating the large volume of data from MySQL to MS SQL.
- A developer in the process of the Centralized processing system in both relational database and automation to load the data in the relational database.

EDUCATION:

- **M.Tech. (Software Systems)** degree in Birla Institute of Technology and Science, Pilani (under Work Integrated Learning Programmes) in 2015-2017*(present) with the CGPA of **8.29%**
- Graduated **B.E. (Computer Science and Engineering)** degree in Jayam college of Engineering and technology, Dharmapuri under Anna University, Coimbatore in 2007-2011 with the aggregate of **77.5%**
- **XII-Standard** in Krishiland Matric Higher Secondary School, Krishnagiri under Matriculation Board in 2006-2007 with aggregate of **75%**
- **X-Standard** in Krishiland Matric Higher Secondary School, Krishnagiri under Matriculation Board in 2004-2005 with aggregate of **60%**

TECHNICAL SKILLS:

- **Languages:** C# .Net, T-SQL, Python, Java, XSLT Scripting
- **Dot Net Technologies:** Console applications, Windows services, Entity Framework, LINQ, Log4net, Framework 4.0/4.5, WCF Service, ReSharper, SSMA (SQL Server Migration Assistant), Lightspeed, Test Driven.Net
- **Concepts and Design Patterns:** .NET design patterns, TDD, Design patterns, SOLID principles, Producer Consumer pattern
- **Knowledge Base:** Agile Methodology - Scrum
- **Tools and IDEs:** Docker, Visual Studio 2008, 2010, 2012, 2013, RoboMongo, SQL Server Management Studio 2008 R2, RabbitMQ, RoboMongo, PyCharm, Sublime Text, JetBrains Webstorm, Visual Studio Code, Sense, Altova XML Spy, MS Visio 2007, VMWare Player, Postman, MS Visio
- **Database Server:** MS SQL Server 2008/2008 R2/2012 R2, MySQL
- **No SQL Technologies:** MongoDB, Elasticsearch, ELK
- **Source Control:** SVN, GIT, Tortoise GIT, Source Tree, Visual SVN, Tortoise SVN
- **Continuous Integration and Deployment tools:** TeamCity, GoCD
- **Project Management tools:** Confluence, JIRA
- **Web Server:** IIS 6.0 / 7.0 / 7.5
- **Operating Systems:** Windows Server 2008 / 2008 R2 / 2012 R2, Windows 10, CentOS 7, RHEL 7

SUBSTANTIAL PROJECTS

Project Name: 3.3 Historical Processing

Team size: 10

Responsibilities: Involved in increasing the performance and quality of system. By tuning all of the factors we were able to complete in 3 months (with 300+% improvement compared to older system which took 1.5+ years). This activity is a major milestone and increased agility on various deliverables.

Description: Activity to extract standardized data from 500+ million postings. This involves processing data in a distributed environment with 100+ core.

Project Name: Deduplication 4.2

Team size: 2

Responsibilities: Involved in redesigning system to increase the performance and quality. Improved the performance of system by 9000+% which has reduced the processing time to 24 hours (1 day) compared to older system with 30+ days.

Description: Deduplication is a process of detecting duplicate job information

Project Name: NOVA 2.0

Team size: 15

Responsibilities: Involved in designing of system and performance tuning of applications and services developed.

Description: A distributed system to process data in real time. This processing design will allow horizontal and vertical scalability by taking advantage of microservice architecture. System have been implemented centralized log tracking mechanism for ease on management of distributed services. Involves on managing job data.

Project Name: SQL Partitioning

Team size: 6

Responsibilities: Improved performance of 500+GB of data purge in SQL to <5 seconds.

Description: A system to purge 500+ GB of data in <5 seconds in SQL. This system is designed as automatic sliding window partitioning so that manual work of 10+ hours have been reduced to <5 seconds by automatic job schedule.

Project Name: Posting Match

Team size: 5

Responsibilities: Involved in performance tuning of duplicate evaluation. Improved xx% of performance by introducing Elasticsearch for data evaluation and redesigning Rabbitmq communication.

Description: Application to evaluate the duplicate postings in real-time stream of data. Relevance of data are evaluated using various critical meta information of postings with event based system and elasticsearch as persistent storage and search.

Project Name: Docker

Team size: 2

Responsibilities: Working with junior developer as POC to evaluate the distributed environment using docker.

Description: Docker environment to virtualize the application and its dependency. This architecture will remove the binding of host machine with the application and will also help in distributing the application with more control on scalability.

Project Name: **DEA Reoccurrence and expiry**

Team size: 2

Responsibilities: Involved in development of system to re-open postings which are published by client after a dormancy period.

Description: DEA (Direct Employers Association) will publish all active data. So developed system which detects the life of job based on their availability and re-opening if they appear after a dormant period.

Project Name: **BGTDataMigrator**

Team size: 10

Responsibilities: Involved in migration of 50+ million resume information and 30+ posting data from MySQL to MSSQL.

Description: This project is to migrate the information of job seekers, employers and job data from MySQL to Microsoft SQL Server to improve performance.

Project Name: **Focus/Career**

Responsibilities: Involved in Development, testing and deployment

Client: State of KY

Team Size: 10

Description: This is a web-based solution supporting job seekers, students, employers, and career counselors with a full range of job placement and career exploration activities, including resume building, intelligent matching, robust searching, gap analysis, training referral, and career mapping.

PERSONAL INFORMATION

Father's Name: S. Syed Ibrahim

Date of Birth: 06-July-1990

Nationality: Indian

Languages Known: Tamil, English, Urdu

Permanent Address: 327/150 old sub-jail road,
New pet,
Krishnagiri
Pin code: 635001