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**Languages/Scripts**:c#, pl/Sql, bash, javascript, typescript.

**Framework/Libraries:** .net, angular.

**Platform/Servers:** Aws (lambda, s3, DynamoDb, EC2, RDS), Windows, Linux (debian, AWS linux 2, ubuntu), RabbitMq.

**Databases:** MSSQL, PostgreSql, MongoDb, DynamoDb

**DevOps:** ci (TeamCity, Azure pipeline), cd (Octopus Deploy, Azure release pipeline), docker (cli & compose), git.

**Tools:** Visual Studio, vs-code, IntelliJ Rider, Postman, Pgadmin, Azure Data Studio, Sql Server Management Studio.

# EXPERIENCE

# TransUnion RemoteSoftware Architect August 2021 - PRESENT

* Architecture and engineer utilizing docker compose based applications using the latest version of .net deploying to linux based targeted environments.
* Team lead of ten developers charged with development, enhancement, and support of existing applications as well as ground up development of several micro service based products impacting over a million customers on a daily basis.
* Upgraded the legacy cron based frameworks to a modern and robust message based implementation using RabbitMq as its broker increasing the efficiency and performance of databases as well as the services involved.
* Evangelized a robust caching layer using a distributed cache system named redis to improve the performance and efficiency of the applications.
* Designed a robust object-relational-mapping framework helping developers easily implement and integrate fluent-api based entities, while creating efficient queries to help increase performance, efficiency, and stability of the applications.
* Pioneered robust branch policies in git to ensure better code quality, collaboration, and release stability.
* Championed the automation of build and deployment processes using continuous integration and deployment in ado by defining pipelines using yaml file in the repositories reducing build and deployment time by fifty percent.
* Champion of transferring relational databases from MS SQL to PostgreSql helping the company save significantly on licensing cost.
* Strategized and designed a more efficient email notification service that utilized cutting edge technologies such as: DynamoDb, redis cache, PostgreSql, and RabbitMq. This service helped reduce the majority of the workload on the existing databases resulting in better consumer based application performance.

# Advanced Metrics Timonium, MDSr. Software Engineer Oct. 2018 - June 2021

* Defacto manager and team lead of five developers charged with development, enhancement, and support of several legacy applications as well as ground up development and production of flagship products in angular and .net based frameworks.
* Architect and lead developer of a multi-tenant, multi-module based application for Behavioral Health leveraging .net, andgular, rabbitMq, continuous integration, and deployment.
* Constantly monitor and collaborate with jr. developers to provide technical best practices by establishing code reviews in pull requests resulting in a higher sprint velocity.
* Plan and execute infrastructure upgrade to Microsoft Azure reducing cost burden from antiquated assets, increasing performance, security, and scalability.
* Introduced container based production strategy vastly improving the performance and stability of the applications in order to transfer them from virtual machines to web-app-for-containers and kubernetes infrastructure.
* Evangualized and instituted modern CI/CD peridiam utilizing TeamCity and Octopus Deploy for faster deployment to various environments.
* Additional responsibilities include: Scrum master. Security officer helping the company obtain SocII TypeII certificate.

# Tessco Technologies Timonium, MDSr. Software Engineer June 2017 - Oct. 2018

* Team lead of four developers charged with development, enhancement, upgrade for legacy applications as well as the public facing website showcasing over 250,000 products and handling over $2M of daily transactions through various ecommerce channels.
* Architect and lead developer of a Solr based index for Sitecore CMS containing the company’s entire product inventory.
* Designed and introduced a robust CI/CD pipeline eliminating manual processes while reducing the deployment time from eight hours to thirty minutes and validating the infrastructure assets be PCI and SOX compliant.
* Architect and lead developer of upgraded WCF services to REST API reducing the response time to less than 900 ms per request.
* Coordinated a plan with the project management team and QA personnel, for faster and more stable sprint deliverables shaving an average of three days of every sprint.

# R2Integrated Baltimore, MDSoftware Engineer Jul 2008 - June. 2017

* Worked in collaboration with the development team to define and develop new application concepts for different clients.
* Created complex foundation and featured solutions using Sitecore Helix implementation. Such solutions help streamline the process, increasing the project’s efficiency.
* Created synchronization and serialization algorithms using Unicorn for Sitecore in order to fully sync content data from one environment to another.
* Worked directly with clients to determine their needs and manifest specs for web and Sql servers.

# EDUCATION

# University Of Maryland Baltimore County - September 2006 - May 2008 (50 Credits)