

# MEHREEN ALI

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## OBJECTIVE

Seeking employment at a reputable firm, to grow with it and contribute to its successes.

## EXPERIENCE

### 1. Software Developer II at S&P Global Islamabad (2019 – Current)

- Implementation of Data merging service with hybrid calculations logic that creates a merged result of three financial data sources. Web APIs creation for the same.
- Implementation of indexing and search architecture for Federated data organizer using Lucene, it searches for datapoints usage in code and SQL stored procedures.
- SQL scripts as stored procedures and jobs, for backfills and data usage
- OData usage for fetching and modifying data as part of .Net services.
- Development of .Net Core background services as a pipeline, Compustat Rev Pipeline & Universal Relative Period.
- Understanding and usage of Kafka Pub sub service using .net client
- Worked on front end for Market Intelligence platform for Charting usage logging
- Migrated two existing applications to run as Docker images, Compustat Rev Pipeline, which was initially in .net and moved to .net core, & Universal Relative period pipeline a .net core background service
- Worked on internal data collection tool i.e CTS Financial form by modifying existing search bar and complete implementation to support data entry of Compustat data source
- Back end development of Directory audit utility that performs difference on folders on file level

### 2. Software Engineer at Diyatech Corp. (2017 – 2019)

- Upgradation of NCache server and client to .Net Core for platforms Windows and Linux.
- Modification of OQL (Object Query Language), NCache SQL like query syntax used to search objects in cache, to accommodate projections and text searching.
- Implementation of Distributed Lucene for NCache, a distributed modular structure with remote procedure calls working at its core.
- Docker images for Windows and Linux servers of NCache.

#### Languages:

.NET, .NET Core, ASP .NET Core, C++, SQL, AngularJS

#### Operating Systems:

Windows, Windows Server, Linux

## EDUCATION

**Bachelor of Science in Computer Science**

**National University of Sciences and Technology H-12**

**CGPA: 3.32**

**A-level, 2013 & O-level, 2010**

**Global System of Integrated Studies (GSIS) Islamabad**

#### Extra-Curricular Activities:

Part of Newsletter team for my department at S&P

Designed many visual announcements for different events at S&P