Myrza Murataliev

Software Engineer  
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**PROFESSIONAL SUMMARY**

* A highly motivated and result oriented **Software Engineer with 8+ years of experience** managing all aspects of the development process for small to medium-sized companies.
* Experience in core **C#,** **Java, C/C++** with a solid understanding of **OOP concept**.
* Knowledge of CS fundamentals in **algorithm design**, **problem solving**, and **complexity analysis**.
* Worked on **Big Data analytics** with Petabyte data volumes on **Microsoft's** Big Data platform
* In-depth knowledge of cloud technologies and platforms like **Azure**.
* Experienced in coding with IDE such as **Visual Studio, Eclipse,** and **IntelliJ.**
* Expertise in creating complex SQL queries and designing database architecture in different **RDBMS** such as **SQL Server**.
* Have 5+ years of **.Net Framework 4+** experience in **Analysis, Designing, Development, Debugging** and **Maintenance** of Enterprise Web Applications.
* Proficient in developing applications using **.NET CORE**, **MVC**, **Angular 12**, **Razor View Engine, AJAX, XML, JQuery, JSON** and **RESTful web services**.
* Proficient in Data Analysis, Design and Data Modeling, using **LINQ** (LINQ to SQL, LINQ to XML) and **Entity Framework** in developing **Data Access Layer**.
* Hands on experience developing systems built on MS SQL Servers using **Tables,** **Triggers, Views**, **Stored Procedures** and **User Defined Functions.**
* Contributed to the full **Android** **mobile application** development lifecycle from planning, requirement gathering, development, testing and launching on Google play store.
* Integrated **NoSQL** BaaS like **Firebase** with both Android and iOS mobile applications.
* Experience with third party custom controls like **Telerik**, **Kendo** and **DevExpress**.
* Gained experience in source code management tools like **GIT**, **SVN** and in bug tracking tool **JIRA** in the work environment.
* Extensive experience with **Windows** and **Linux** operating systems as well as **Linux** **Servers** and **Windows Servers**.
* Excellent experience in each phase of **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC).**
* Excellent oral/written **communication skills** with the ability to understand and explain both business and **technical needs** from and to clients and customers
* Enthusiastic, ability to **quickly understand** and **utilize new technologies.**

**PROFESSIONAL EXPERIENCE**

## Apex System Inc, Redmond, WA Jan 2023 - Present

**Title: Software Engineer, Remote**

* Developed Web application using C# **.NET Core,** **MVC, Angular**
* Created and consumed **Restful Web API** to JSON data by using HTTP protocol
* Utilized **Entity framework** extensively for data retrieving, querying, storage and manipulation.
* Developed solutions for diverse programming scenarios in C#, employing **Object Oriented Programming** (OOP) concepts
* Used **Visual Studio** .NET IDE to design the forms, develop and debug the application.

## Microsoft, Redmond, WA Mar 2020 - Dec 2022

**Title: Software Engineer**

* Developed Cosmos Admin web portal using C# **.NET Framework 4+**, **MVC, Kendo**
* Designed and Developed .NET based Demand Collection Tool, Capacity Planner, and Demand Delivery tool for Cosmos Capacity team in terms of reducing the time required for Demand Collection, Capacity Planning, and Demand Delivery process.
* Developed **C# and SQL** based fault-tolerant Data Collecting system from different sources.
* Designed and Developed **Big Data** **Pipelines** using **Azure Data Factory** on sources like Azure Data Lake, Azure SQL, Azure Data Explorer, JSON files, Excel files.
* Developed Warranty Automation tool using **Azure Machine Learning,** SQL, Big Data Pipelines to predict failure of Data Center machines and decide to either extend or decommission the machines
* Experience in Cloud based report generation, development and implementation using **Power BI**.
* Help Design and Develop Data Quality system to use Azure Anomaly Detector for Anomaly Detection and Data Quality Reporting.

## Lisa Academy, Little Rock, AR Aug 2017 - Feb 2020

**Title: Software Engineer**

* Experienced **.NET Core 2**, **MVC with Angular 12** on web application projects.
* Implemented UI using **MVC, XML, CSS, JQuery** and **AJAX** to create responsive web pages.
* Developed **Android** mobile application using **Java** for judges of State STEM festival.
* Designed **database architecture** of a web and mobile applications, experienced **NoSQL**, Google **Firebase**.
* Created user control functions for **Robotics** motors and servos in **Java**.

## University of Houston Clear Lake, Houston, TX Aug 2014 - Dec 2016

**Title: Research Assistant**

* Conducted the **research** on Charging Scheduling of Electric Vehicles using Charge Time Priority.
* Developed test case generator for research using **C/C++**.
* Designed **CPU** components (program counter, RAM, MUX) using **VHDL**.
* Teaching Assistant in Digital System Design, Comp. Architecture Design courses.
* Evaluated labs and project assignments in C++, C submitted by 300+ students

## Yildizlar, Istanbul, Turkey Aug 2012 - Jun 2014

**Title: Software Engineer**

* Created **Restful Web API** to be consumed by desktop, web and mobile apps.
* Used **C#, MVC ASP.NET** in desktop and **Java, Android** for mobile applications.
* Gained in-depth knowledge of **Azure** cloud technologies.
* Experienced **Telerik** and **DevExpress Reporting** controls, **JQuery,** database design and **MSSQL.**
* Created **Queries** and joins on multiple tables, **Functions** and **Triggers** using **LINQ to SQL** for inserting/updating/ deleting the data into the relational tables.

# Developed sales reports modules of project, which increased performance of pre-sellers by 25%.

## Mobitek, Istanbul, Turkey Jul 2011 - Aug 2012

**Title: Software Developer**

* Developed console application, which collects ranking data from Google Search.
* Created web interface for customers to enter the queries and get **SEO** reports.
* Experienced **PHP**, **XML-RPC Web service**, MySQL, TCP/IP networking.
* Hands on experience in SQL Server Reporting Services (SSRS).

## Tiga, Ankara, Turkey Nov 2009 - Jun 2011

**Title: Software Developer**

* Helped design and develop a web application to fully automate accounting, elections, local government and education departments of a political party.
* Designed the architecture of the project, implemented core components and ensured smooth integration of different subcomponents developed by other team members.
* Experienced C#, MVC ASP.NET, JQuery, AJAX, CSS
* Gained in-depth knowledge of cross-browser compatible UI designs.

# EDUCATION

May 2017 **University OF HOUSTON Clear Lake Houston, TX**

**M.S in Computer Engineering**

* Completed thesis in Scheduling Algorithms in Cyber-Physical Systems.

May 2009 **Middle East Technical University Ankara, Turkey**

**B.S in Computer Science**

# TECHNICAL SKILLS

* **Language and Framework:** C# ASP.NET MVC, Java, C/C++, SQL, Angular, JQuery, CSS, Azure, Kendo
* **Development tools:** Visual Studio, Eclipse, Git, SVN, Jira, Android Studio
* **Operating systems:** Linux (Ubuntu), All Windows versions,
* **Databases:** MySQL, MSSQL Server