HIKMAT GASIMOV

Date of birth: 08/07/1995 | **Nationality:** Azerbaijani | **Phone number:**

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ABOUT ME

My live demo website - https://ghgasimovhikmat.github.io/Portfolio/

WORK EXPERIENCE

10/07/2020 – 16/06/2022 Rome, Italy
JOB: .NET FULL STACK DEVELOPER COMPANY:BEAGLEPLUG

Performed activities :
– *I developed* progressive web applications tailored for electric car charger stations, focusing on enhancing user interaction and operational performance.
– *I engineerized* responsive user interfaces, incorporating real-time data visualization features, enabling users to effectively monitor and manage the charging processes based on wireless network.
– Excellent knowledge managing on RTOS, Linux Administration and different OS.
– Excellent Knowledge: HW/SW Agile Methodology, Zoho, HW/SWs UML
– Main Programming Languagues: .NET Core , ASP.NET (MVC/Web API/Razor Pages) , EntityFrameworkCore , Rest API/SOAP , XML/JSON ,Microservices ,Solid Principles Azure/CI/CD /Kubernetes ,Unit testing with NUnit and Moq, DI (Dependency Injection)
– Front-End Techologies utulizied : HTML, CSS, Javascript , Jquery.js, Bootstap 3/4, Angular 2+, Angular Rxjs, Angular material ,Typescript
– Database: T-SQL Server, MySql
– Communities: VS 2022/VS Code ,Rider ,IntelliJ IDEA,

13/12/2019 – 05/08/2020 Baku, Azerbaijan
JOB:COMPUTER ENGINEER COMPANY:RAPID SOLUTIONS

Performed activities :
– I developed various complex software web applications based on Agile Methodogly, collaborating with a international team, ensuring optimal performance and reliability of the software.
– .NET technology with Visual Basic, to develop Control Panel and Desktop as Human Machine Interface to control remotely Gas-Lift Devices.
– Back-end: Asp.Net Core, Entity Framework Core for CRUD operations
– Front-End: Html Css ,Bootstrap, JavaScript
– Brilliant Management with Scrum of AGILE methodology, on Gitlab, BitBucket, GCP, Azure, AWS Platforms, Docker, KuberFlow
Used technologies :
– Utilized Win Form(MVP) , ASP.NET / ASP.NET MVC to design and develop dynamic, user-friendly software applications.
Implemented efficient code and modular components to enhance software performance and usability, based on Design Patterns
– Implemented Net Technologies to develop versatile and scalable web applications. Collaborated in a team setting to refine features, ensuring optimal functionality and user experience

EDUCATION AND TRAINING

01/09/2022 – CURRENT RIGA, Latvia
COMPUTER SCIENCE (BACHELOR) University of Latvia

15/09/2013 – 18/06/2017 BAKU, Azerbaijan

COMPUTER ENGINEER (BACHELOR - DOUBLE DEGREE) University of Glasgow & Azerbaijan Technical University

Field of study Information and Communication Technologies ⎪ **Final grade** 3.5 ⎪

Thesis Bachelor Thesis: Controlling/Optimization of Two stage of Gas-Lift Wells on Matlab Simulink and C/C++

10/01/2019 – 05/06/2019 BAKU, Azerbaijan

COMPUTER NETWORK ENGINEERING (MASTER) Azerbaijan Technical University

Objective: Investigated the technical and architectural advancements of 5G and projected needs for 6G technology, focusing on optimizing network throughput and latency.
Methodologies: Simulation: Created a 5G network environment using NS-3 to test different traffic patterns and their impact on the network. Field Testing: Utilized real 5G equipment in urban and rural settings to measure actual throughput, latency, and signal strength. Data Analysis: Processed and interpreted large datasets from simulation and field tests to draw conclusions on network performance and challenges.
Programming Languages & Tools Used: **Python**: Used for automating data collection, processing, and visual representation of network metrics. **C++:** Developed custom algorithms and data processing modules to simulate advanced network behaviors and analyze large volumes of data for predictive modeling. **R:** Used for statistical analysis of collected data and predicting future wireless communication trends. **NS-3:** Utilized for simulating 5G (and hypothetical 6G) network scenarios. **Wireshark:** Deployed for packet inspection and analyzing specific network events in real-time.
Key Achievements: Developed a C++ based tool to predict potential bottlenecks in 5G networks by analyzing large datasets in real-time. Proposed a new handoff mechanism to optimize for ultra-reliable low latency communication in 5G networks. Presented findings at [Relevant Conference Name], leading to collaborative discussions with industry leaders.

Field of study Database and network design and administration ⎪ **Final grade** A (92%) ⎪ **Level in EQF** EQF level 7 ⎪

National classification 7 ⎪ **Number of credits** 18 ⎪

Thesis Evaluation and Implementation of 5G in Wireless Networks

● LANGUAGE SKILLS

Mother tongue(s): **AZERBAIJANI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
RUSSIAN	C2	B2	B1	B1	B1
TURKISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Back End Development

SQL (MSSQL, PL/SQL, MySQL) ⎪ Postman ⎪ Javascript / Typescript 6 years ⎪ .NET / .NET Core / .NET Framework ⎪ Object-Oriented Programming ⎪ REST Client, SOAP, REST API ⎪ PHP (junior level) ⎪ Git,Github,& Gitlab ⎪ Programming Languages - C,C++,Java,HTML and MS SQL server ⎪ Spring Cloud/ Spring Security ⎪ Angular / RxJS ⎪ Wep Cracking Basics ⎪ MVC /MVP ⎪ Entity Framework / Entity FrameworkCore ⎪ DEPENDENCY INJECTION ⎪ ASP .NET WEB API ⎪ XML (JSON & XPATH) ⎪ Ethical Hacking basics ⎪ cyber attacks ⎪ Devops: Docker, Jenkins ⎪ Unit testing with MSTest, xUnit, & Moq ⎪ Hibernate ⎪ Solid Principles ⎪ MediatR Pattern

Front End Development

Web Programming: HTML, CSS, JavaScript, Angular, Angular Material, Angular UI ⏐ JQUERY / BOOTSRAP ⏐ Angular CLI ⏐ HTML5/CSS3

Tools

Rider ⏐ Visual Studio Code ⏐ Visual Studio ⏐ Eclipse

Operating Systems

Linux(Kali, Ubuntu) ⏐ Windows (Windows 7, Windows 8, Windows 10)

ADDITIONAL INFORMATION

MY PROJECTS TITLES AND USED TECHNOLOGIES

17/07/2023 – 08/09/2023
Building Realtime Rest APIs with Spring Boot - Blog App

– Rest Api (Advanced) With Microservice
– Docker/Kubernate
– Azure DevOps
– Spring Security
– JWT – Spring Data JPA (Hibernate)
– MySQL Database – CRUD REST APIs in Spring Boot Project
– REST API's for ONE-TO-MANY Relationship
– Pagination and Sorting in Spring Boot Project
– REST API's for Search / Filter REST API in Spring Boot
– REST API's for Sign In and Sign Up
– Lombok Library – DTO's
– REST API Exception Handling – Validation and Spring Security
– DB Authentication and Authorization
– Secure REST APIs (Role Based Security)
– Query Methods Using Spring Data JPA
– One-To-Many and Many-To-Many JPA/Hibernate Mappings
– Test REST API's using Postman REST Client ,JWT (JSON Web Token) in Spring Security

01/05/2020 – 22/05/2020
SQL ADVANCED

– *Understand the key advance concepts being implemented in the database world*
– *Choose between Views and Materialized views based on the requirement*
– *Partition the tables for better management and performance optimization*
– *Perform complex pattern matching using Regular Expressions*
– *Create advanced reports with sub totals at various grouping levels*

01/05/2020 – 03/05/2020
Building an Enterprise Application with ASP.NET Core MVC

– *Build A Strong Foundation in .NET Clean Architecture*
– *Clean or Onion Architecture and Best Practices*
– *Comand Query Responsibility Segregation (CQRS)*
– *Mediatr Pattern*
– *Efficient Exception Handling and Routing*
– *Moq and Unit Testing*
– *Global Error Handling with Custom Middleware and Exceptions*
– *Validation Using Fluent Validation*
– *.NET Core API and Blazor UI Application*
– *JWT(JSON Web Token) Authentication*

07/06/2023 – 08/09/2023
ASP.NET CORE MVC | Build a Complete eCommerce App

– *NET MVC BUILDING BLOCKS - Models, ViewModels, Views, Partial views, Controllers, ViewComponents*
– *CRUD OPERATIONS WITH ENTITY FRAMEWORK CORE*
– *SQL Server configuration*
– *EFCore Migrations*

– *Relationship types, relational and non-relational data*
– *BUILD RESTFUL SERVICES*
– *Dependency injection*
– *Major dependency injection lifetimes, services, and generic base repositories*
– *Net Identity FrameWork - Authentication, authorization*
– *Cookie based authentication, role-based UI rendering*
– *Paypal Integration*
– *Configuring the paypal checkout library*
– *Azure development*
– *Deploy your mvc application and your sql database to azure*

10/05/2021 – 21/07/2021
SQL From Scratch Using Oracle SQL Developer and TOAD

– *Logical SET operators for your queries*
– *SQL Queries to extract data*
– *SQL Queries to modify data*
– *SQL Queries to delete data*
– *SQL Queries to create tables*
– *SQL Queries to extract data from multiple tables*
– *Write Advanced SQL Queries using analytic functions*
– *Write SQL Queries to generate reports*

PROJECTS

10/07/2023 – 14/09/2023
PayCompute in .Net Core – Tracking changes in project files using GIT
– Passing data collection using ViewBag object
– Creating Action Methods with Parameter
– Create Entity Data Model– Query Entity Data Models using LINQ - Inserting, Updating, Retrieving
– Filtering, Ordering
– Using ViewModels, access a ViewModel object
– User Input Data Validation
– Validation using Regular Expression
– Understanding Domain Classes vs ViewModel classes
– Model Binding & Mapping
– Creating a Layout View (Master Page)
– Creating CRUD Views (without using the scaffolding wizard)
– Form's Data Persistence
– Pagination logic
– Data Seeding Initializer
– Create the Entity Framework (EF) Core Context
– Using EF Core to initialize the database
– Configure EF Core to use SQL Server
– Configure connectionStrings in AppSetting .json file (for both local and remote SQL Server Databases)
– Security Preventing Cross-Site Request Forgery (CSRF) attacks
– Identity Authentication & Authorisation
– Data Migration from SQL Server LocalDb to Azure Cloud SQL Server
– Deploying Application to Azure Cloud
– Pushing to final Source Code to a Remote Repoere the description...

10/05/2023 – 06/06/2023
Leave Management System In ASP Net Core MVC – .NET Core API and MVC UI Application
– Clean and Solid Architecture
– SOLID Principles
– Command Query Responsibility Segregation (CQRS)
– API Development Advanced Tools -PostMan
– EntityFrameworkCore
– MediatR Pattern,
– Automapper
– Fluent API
– Exception Handling and Routing
– Validation Custom Exceptions
– Validation Using Fluent Validation
– Unit Testing (xUnit ,Moq)
– Global Error Handling

– Custom .NET Core Middleware
– Swagger for API Documentation
– Integration Testing
– Identity and JWT To Secure Application API
– API Client Secure Application
– GitHub,Git Commands

08/02/2023 – 13/04/2023
Dating APP .NET Core and Angular – Entity Framework Core and Angular (v6)
– Drag and drop photo upload
– Integrating into a cloud platform
– Messaging system– Filtering ,Sorting and paging of data ,Display notifications in Angular
– Authentication using JWT Authentication tokens
– Handling errors the API and the SPA
– Persist data using Entity Framework Core

11/09/2023 – 30/10/2023
HotelListingAPI in Rest API – Build A Data Driven API using Entity Framework .NET 6 / .NET 7
– REST APIs with proper practices
– Configure Cross-Origin Resource Sharing (CORS)
– C# and Visual Studio Techniques
– Enterprise Level Design Patterns
– Troubleshoot and Fix Practical Errors
– AutoMapper and Data Transfer Objects (DTOs)
– NuGet Package Manager
– Manage and Track Changes using GitHub
– Asynchronous Programming
– Custom Logging using SeriLog
– Swagger UI Documentation
– Deploy API to Microsoft Azure
– API Versioning
– API Caching

07/08/2023 – 02/10/2023
Blog App In Spring Rest API – Spring Security
– JWT
– Spring Data JPA (Hibernate)
– MySQL Database
– CRUD REST APIs in Spring Boot Project
– REST API's for ONE-TO-MANY Relationship
– Pagination and Sorting in Spring Boot Project
– REST API's for Search / Filter REST API in Spring Boot
– REST API's for Sign In and Sign Up
– Lombok Library
– DTO's
– REST API Exception Handling
– Validation and Spring Security
– DB Authentication and Authorization
– Secure REST APIs (Role Based Security)
– Query Methods Using Spring Data JPA
– One-To-Many and Many-To-Many JPA/Hibernate Mappings
– Test REST API's using Postman REST Client ,JWT (JSON Web Token) in Spring Security

05/2023 – 18/07/2023
SpringBox (Spring Cloud) Container Cloud – Microservices using Java, Spring, SpringBoot and Spring Cloud
– Open API Specification and Swagger
– Docker in microservices docker images, containers
– Spring cloud config serve
– Service Discovery and Registration pattern using Spring Eureka server
– Handling Cross cutting concerns and routing using Spring Cloud Gateway
– RESILIENCE4J framework
– Securing microservices using OAuth2, OpenID connect and Spring Security
– Event driven microservices using RabbitMQ, Kafka, Spring Cloud Functions and Spring Cloud Stream
– Docker, Kubernetes and Helm commands