HIKMAT GASIMOV

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ABOUT ME

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

WORK EXPERIENCE

10/01/2020 – 16/07/2021 Rome, Italy
JOB: FULL STACK NET DEVELOPER COMPANY:BEAGLEPLUG

– Net Api-Solid-and-Clean-Architecture:
– SOLID Principles
– API Development Advanced Tools
– MediatR Pattern,
– Automapper
– Fluent API
– Validation Custom Exceptions
– Global Error Handling
– Custom .NET Core Middleware
– Swagger for API Documentation
– CQRS Pattern
– Identity and JWT To Secure Application API Build API Client Secure Application

– E-Commerce APP in .Net Core and Angular:
– Setting up the developer environment
– Multi project .net core app using the Dotnet CLI
– Angular UI for the store using the Angular CLI
– Repository
– Unit of Work and specification pattern in .net core
– Multiple DbContext as context boundaries
– Identity for sign in and sign up
– Angular lazy loaded routes
– Automapper in NET Core
– Bootstrap
– Angular Reactive forms (Paging, Sorting, Searching and Filtering)
– Visual Studio Code, T-SQL a free cross platform code editor.

– NET Core MVC PayCompute
– 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 Repo

– Daily and Weekly Meetings via Scrum software of AGILE Methodology on Jira Platform.
– High passion in CyberSecurity Field

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

– **Rest API's for Blog App Using Spring Boot**
– 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

– **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

– **Asp.Net Library :**
– Object Oriented Programming
– ADO.Net
– MSSQL
– CSS
– Font awesome
– Bootstrap
– CRUD Opeartions with for all views
– Admin author managment
–Admin book Inventory
– Admin book issuing

– **ASP NET CORE HotelListingAPI :**
– 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*

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 Glassgow & Azerbaijan Technical University

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

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
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 │ Git,Github,& Gitlab │ 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

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

ADDITIONAL INFORMATION

CERTIFICATE

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*

14/08/2023 – 08/09/2023
Bootstrap From Scratch - Fast and Responsive Web Development

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

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

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 – CURRENT
Creating .Net Core Microservices using Clean Architecture – Microservices using .Net Core
– Message queues
– Mediator Pattern
– CQRS Pattern
– Containerize entire solution
– Application Gateway
– Structured Logging Lear cross cutting concerns ,Observability
– Service Mesh using Istio
– Side Car pattern

UsersPanel By Using Angular 5+ /Typescript /Bootstrap/Firebase – Single page applications using
Angular 5+
– Master Angular concepts
– The file and folder structure of an Angular application
– Build a client management application with authentication and Firebase's Firestore
– Integrate Bootstrap 4 into Angular projects
– Angular Components and Services

07/02/2023 – CURRENT
Unit Testing BookingHelper/HouseKeeperHelper – *Clean, maintainable and trustworthy tests*
– Loosely-coupled and testable code Refactor legacy code towards testable code
– Dependency injection
– Mocks to isolate code from external dependencies
– Unit testing best practices Learn the anti-patterns to avoid