Zain Uddin

Full Stack Developer

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Seeking a dynamic and forward-thinking company as a Full Stack Developer where I can continually learn and grow, while leveraging my skills and expertise to contribute significantly to the organization's success in achieving its goals.

OVERVIEW

Here is an overview of my professional skill set, which encompasses a diverse range of capabilities:

▪ Avid learner of cutting-edge technologies, thriving on tackling substantial and complex tasks.
▪ Proficient in programming languages like **C#**, **Python** and **Java**.
▪ Specialized in backend development with **.NET**, ranging from **.NET MVC 3** to **.NET 8**.
▪ Experienced in crafting distributed applications utilizing **WCF/GRPC Services**, and **RESTful Web API's**.
▪ Experienced in developing large-scale application utilizing **Microservice & Microfrontend architecture** to enhance modularity & scalability.
▪ Experienced with database management systems like **SQL Server** and **MongoDB**.
▪ Experienced in Unit Testing using **NUnit** and **xUnit** libraries to ensure code quality and reliability.
▪ Experienced in UI development with frameworks such as **Angular**, **React**, and tools like **Telerik Kendo UI**.
▪ Competent in creating dynamic applications with **JavaScript/TypeScript**.
▪ Proficient in designing responsive web layouts, with or without frameworks like **Bootstrap**, **Tailwind CSS**.
▪ Proficient in **Docker**, to build, ship and run containerized applications.
▪ Expertise in Version Control Systems, particularly **GIT** and **GITHUB**.
▪ Achieved a **5-star** rating in **Hacker Rank's** problem-solving category.
▪ Certified by Microsoft in **Python** and **Azure** technologies.
▪ Versed in employing **Azure DevOps** for version control, reporting, and requirements management.
▪ In-depth understanding of various development methodologies, particularly **Agile**, **Scrum** & **Incremental**.

EXPERIENCE

Software Engineer   *April 2024 - Present*

Pakistan Single Window

- Developing and maintaining both the frontend and backend components of web applications, as well as designing and managing databases.
- Working on state-level project that integrates over 75 government agencies including customs and 29 commercial banks to streamline import-export processes in Pakistan via a unified platform.
- Successfully led the integration of the Trade Development Authority of Pakistan (TDAP) government agency into Pakistan Single Window (PSW), digitizing processes to streamline operations for import-export stakeholders.
- Leveraging Microservice and Microfrontend architecture to develop scalable applications suited to the demands of modern development paradigms.

Junior Software Engineer   *April 2022 – March 2024*

eDev Technologies

- Developed complex and scalable features for Modern Requirement using ASP.NET MVC, boosting user engagement by 30% and supporting thousands of customers worldwide.
- Implemented RESTful WCF Services to facilitate seamless communication between various components of the application, enhancing data exchange efficiency.
- Developed various plugins in architectural patterns like MVVM using JavaScript and jQuery, leveraging libraries such as Kendo UI, Froala, TreeGrid, and JQWidgets, which increased UI component reusability by 70%.
- Engaged with TFS Object Model (TFS OM) and Rest API to consume TFS workflow and optimize work item management in the Product. These tools allowed for streamlined work item updates, custom reporting, and seamless integration with external systems, resulting in improved project efficiency.
- Designed multiple pages inspired by Azure DevOps with intuitive navigation, clean design, and effective information architecture, enhancing user satisfaction scores by 15%.

TECHNICAL SKILLS

- .NET MVC / .NET CORE
- React
- Angular
- REST API'S / WCF / GRPC Services
- JavaScript / TypeScript / jQuery
- Kendo UI
- Docker
- GIT / GitHub
- TypeScript
- Bootstrap
- HTML/ CSS
- SQL Server / Mongo DB

EDUCATION

Sir Syed University of Engineering & Technology (SSUET)   *2019 - 2022*
Bachelors in Computer Science
(CGPA: 3.4)

PROJECTS

Pakistan Single Window
PSW is an Integrated Digital Platform that allows parties involved in trade to lodge standardized information and documents with a single-entry point to fulfill all import, export, and transit-related regulatory requirements. It aims at reducing the time and cost of doing business by digitalizing Pakistan's cross-border trade and eliminating paper-based manual processes.
Tools & Frameworks: .NET, React, Microservice architecture, RabbitMQ, SQL Server, MongoDB, Redis, Kendo UI, Jenkins, Docker, Workflow Engines.
- https://www.psw.gov.pk/

Z-Sneaks – Ecommerce Store for Sneakers Built in .NET 7 Web API & Angular 16
Z-Sneaks is an innovative ecommerce store for sneakers, built using the latest technologies such as .NET 7 Web API and Angular 16. It aims to provide sneaker enthusiasts with a seamless and user-friendly platform to explore, purchase, and stay up-to-date with the latest sneaker releases.
Tools & Frameworks: .NET 7 Web API, Angular 16, MongoDB, Angular Material UI, JWT.
- https://www.zsneaks.somee.com/

Modern Requirement:
Modern Requirements is a comprehensive solution for managing software development projects. Its powerful requirements management tools, robust traceability capabilities, and automated reporting features make it an ideal choice for teams seeking to streamline their software development processes and achieve their project goals more efficiently.
Associated with: **eDev Technologies**
Tools & Frameworks: Asp.NET MVC, WCF Services, MongoDB, Redis, Kendo UI, Javascript/Jquery, Azure DevOps.
Product URL: https://www.modernrequirements.com/

Z-Tech – Fully Dynamic .NET MVC Web Application
It is a fully dynamic web application, that let user buy accessories like laptops, smartphone or tablets. User can even compare several products with each other and he can also use Cart feature.
Tools & Frameworks: Asp.NET MVC, Entity Framework, MS SQL Server, Visual Studio(2019).
- https://bsite.net/zainuddin/

Payroll Management System – Desktop App with Integration of Database
It is a software program, that enable's any business to handle all the financial records in a hassle-free way.
This includes employee's salary, deductions, net pay, gross salary etc.
Tools & Frameworks: Windows Form Application, MS SQL Server, Visual Studio(2019).

FYP: Speech-to-Speech Translation Model for Tourists and Hotel Staff using Deep Learning RNN Layers with a Custom Dataset:
This project aims to develop a speech-to-speech translation model using deep learning RNN layers to help tourists and hotel staff communicate with each other seamlessly. In addition to developing the model, we have created a custom dataset of more than 25,000 sentences to improve the accuracy and fluency of the model.
Tools & Frameworks: Tensorflow Keras, Flask, Flutter, Google Colab, Speech Synthesis API, Speech Recognition API.
Published Dataset:
- Github: https://github.com/ZainUddin321/Parallel-Corpus-for-English-Urdu-Repository
- Kaggle: https://www.kaggle.com/datasets/zainuddin123/parallel-corpus-for-english-urdu-language

LICENSE & CERTIFICATIONS

Microsoft Certified: Azure Fundamentals
Microsoft   *Sep 2021*

Microsoft Technology Associate: Introduction to Programming using Python
Microsoft   *Jan 2021*