TALHA HUMAYUN

SOFTWARE ENGINEER

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Objective

To leverage my expertise in .NET development, ATM transaction systems, and banking solutions to drive innovation and efficiency in software engineering. I aim to contribute to cutting-edge financial technology projects, utilizing my skills in C#, SQL, JavaScript, and system architecture while collaborating with cross-functional teams to deliver high-impact solutions. Passionate about continuous learning and problem-solving, I seek opportunities to enhance user experience and optimize operational processes.

Experience

Innovative Private Limited | Software Engineer

February 2022 - Present

- Led the development of **IEngage** with an innovative design for the **Future Banking Summit**, earning a CEO **Appreciation Letter** and **contributing to successful cash recycler deals with multiple banks** through close collaboration with cross-functional teams.
- Led development of iEngage for Bank Alfalah, enhancing user experience & efficiency through advanced front-end and .NET back-end integration. Deployed on **174+ ATMs**, expanding to **650**.
- **Collaborated directly with clients** to gather and translate requirements into actionable technical solutions, with **timely addition of new transactions and required changes**.
- **Authored Business Requirement Documents** (BRDs) to ensure clear and effective implementation of projects.
- **Led cross-functional teams** to ensure smooth project execution and delivery at every stage.

Innovative Private Limited | Trainee Software Engineer

September 2021 - **February 2022**

- **Developed company website using HTML**, **CSS**, **JavaScript**, **and PHP**, enhancing the user experience with dynamic forms and themes.
- **Implemented SQL queries** and **integrated them with C#** using the **LINQ framework** for various backend tasks.
- **Applied the MVC framework** to develop new projects, ensuring scalable and maintainable code.
- **Assisted in creating transaction flows for ATM systems and installing software solutions** at various banking locations.

Byco Petroleum Pakistan Limited | Intern

December 2020 - January 2021

- **Contributed to the Feasibility and Front-End Engineering Design of the Upgrade-I project**, overseeing the complete reinstallation of the refinery in Pakistan from the UK, including the organization and analysis of electrical data.
- **Developed hazardous area diagrams and single-line diagrams** in collaboration with draftsmen.
- **Created and presented technical documentation and powerpoint presentations to senior management.**

Education

NED University of Engineering & Technology | MS Data Science | 2023
Ghulam Ishaq Khan Institute of Engineering Sciences and Technology | B.Sc. Engineering Sciences | 2019
Major: Modeling and Simulation | Minor: Computer Science

Honors and Awards

- Received an Appreciation Letter from the CEO for leading the development of **IEngage** with an innovative design for the **Future Banking Summit**.
- Received **Employee of the Month** for **May 2024**.
- **Certificate of Appreciation for the iEngage project** (Dec 2023)
- **Director Liaison in IEEE GIKI** student branch
    - Managed the Liaison Team for National Electronics Olympiad (NEO) for three consecutive years.
    - Led event management activities for NEO.

Certifications

📜 **GitHub Foundations (Career Track)** – DataCamp – 08/02/2025
📜 **Introduction To Relational Databases in SQL** – DataCamp – 24/12/2024
📜 **Introduction To SQL Server** – DataCamp – 05/10/2024
📜 **Excel Skills for Business: Intermediate I** – Macquarie University (Coursera) – 01/07/2020
📜 **Excel 2016: Managing and Analyzing Data** – LinkedIn Learning – 26/04/2020
📜 **Data Science Foundations: Fundamentals** – LinkedIn Learning – 11/04/2020
📜 **Programming for Everybody (Python)** – University of Michigan (Coursera) – 27/03/2020

Skills

💻 **Programming Languages:** C#, JavaScript, Python, SQL
🛠️ **Frameworks & Technologies:** .NET Framework, LINQ, MVC, Entity Framework
📊 **Databases:** SQL Server
🕸️ **Web Development:** HTML, CSS, JavaScript, jQuery