Hamza Waheed

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Professional Summary

Highly skilled software developer with over 5 years of experience in Windows and desktop application development. Expert in WinForms, WPF, WebForms and MVVM ,MVC ,MVVC architecture with a proven track record of creating robust, user-friendly solutions. Adept at designing intuitive user interfaces and implementing efficient backend systems, with a strong commitment to best practices in software development.

Core Competencies 🧑‍💼

- Windows Application Development, Windows Service, Class library

- Desktop Application Development using WinForms

- Advanced WPF (Windows Presentation Foundation)

- MVVM (Model-View-ViewModel)

- MVC (Model-View-Controller)

- MVVC (Model-View-ViewController)

Architecture

- .NET Core Technology

- Asp.net MVC

- Visual Studio 2022

- SQL, MySQL, SQLite Database Management

- Agile Methodologies: SCRUM, Kanban

- Software Development Models: Rapid Application Development , Throwaway Prototyping, Spiral Model, Incremental Model

- Software Engineering Principles

- Software Design Models: High-Level Design (HLD) (Use Case Diagrams, Class Diagrams, Component Diagrams) ,
Low-Level Design (LLD), Solid Design Principles

- Database Designing Models: ER(Entity Relationship) Diagram, DFD (Data Flow Diagram), EF(Entity Framework), ORM(Object Relation Mapper)

Professional Experience 🔬

Software Developer
Hw-Tech Enterprise LLC
Jan, 2022 – Dec ,2022

- Designed and developed Windows-compatible Virtual COM Port Driver, including source code, installer, and C# test software.

- Created and managed a customer service management tool with capabilities for reporting, data export, and client management.

- Implemented and refined internal tools for truck wash operations, including metrics recording, report generation, and data handling.

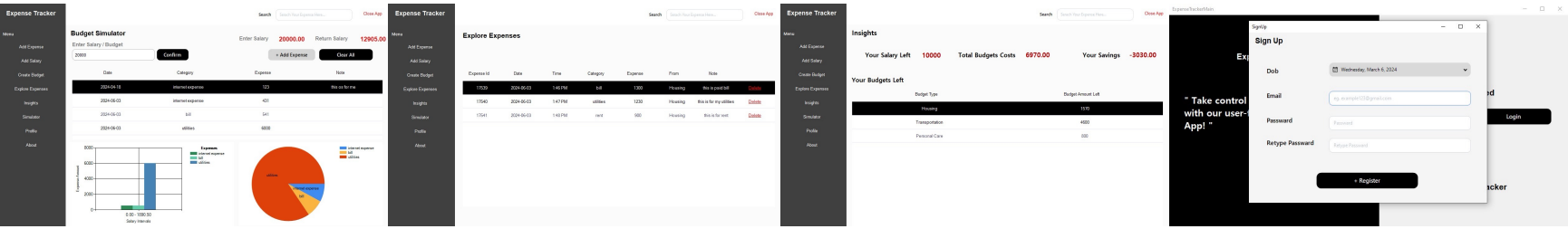**Freelance Software Developer**

Client : Zan Triler

July,2024– Completed

- Developed a comprehensive Windows application installer for a non-profit, utilizing batch files for streamlined installation and uninstallation processes.
- Engineered a Python SQL script for automating real estate data scraping and integration with Laravel-based websites.
- Crafted a Asp.net web api for signing xml documents and send to destination servers.

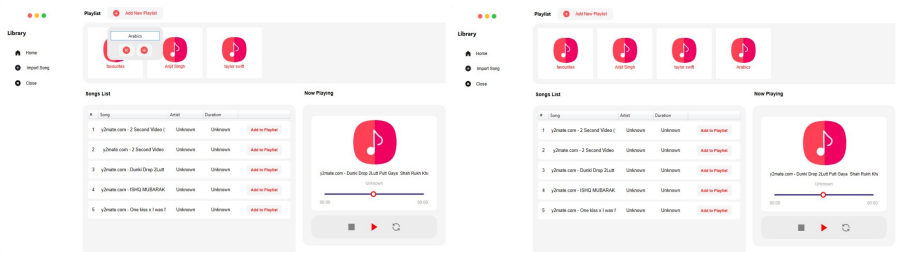## Personal Experiences

Expense Tracker Desktop Application

 • Developed a user-friendly desktop application to manage and track personal expenses. Features include customizable categories, budget tracking, and detailed financial reports.
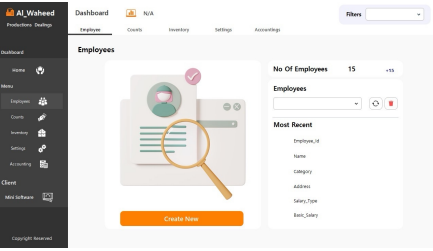

Music Player

 • Created a desktop music player with support for multiple audio formats. The application includes playlist management, equalizer settings, and a sleek, intuitive user interface.
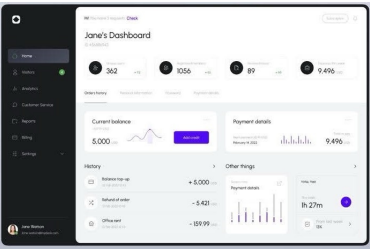

Alwaheed Productions CRM

 • Designed and implemented a CRM-based desktop application for Alwaheed Productions. This tool streamlined customer management,work tracking, and communication, enhancing overall productivity and customer engagement.
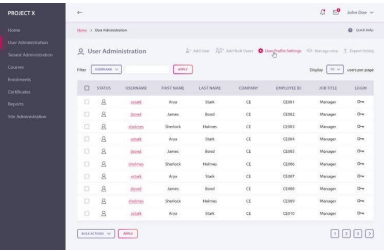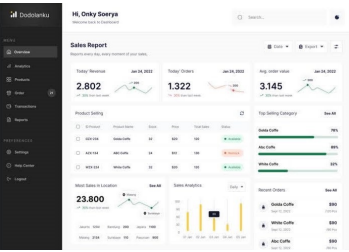

Another Experiences Delivered Projects

Customer Service Management Tool

Student Engagement System

Desktop E-commerce Tracking Tool

Education 👨‍🎓

Bs Software Engineering
Government College University, Faisalabad
2024, Graduated 🎓

Intermediate
Aspire Group of Colleges, Faisalabad
2019-2021, Graduated 🎓

Higher Education
New Afaq Higher Secondary of Education, Faisalabad
2017-2019, Graduated 🎓

Technical Skills ⌨️

- Programming Languages: C#, Python
- Frameworks: .NET Core, WPF, ASP.NET (MVC)
- Tools: Visual Studio 2022, GitHub, Azure Data studio
- Databases: SQL, MySQL, SQLite
- Development Methodologies: Agile, SCRUM, Kanban
- Database Management: SQL Server Management Studio (SSMS)
- Reporting Services: SQL Server Reporting Services (SSRS)
- Information Security: Knowledge of best practices for ensuring data security and application protection
- Simulation and Modelling: Knowledge of best practices for ensuring data modelling and analytics

Soft Skills 👨‍💼

- Quick learner with a strong adaptability to new technologies
- Transparent and honest communication
- Self-motivated with excellent leadership capabilities
- Highly responsive and committed to quality delivery

Technical Equipment 💻 📱

- iPhone 12 Pro Max
- iPhone 15 Pro Max
- Samsung S22 Ultra
- MacBook Pro
- HP EliteBook

Availability

Fully available Monday through Friday with flexibility to accommodate various time zones for effective collaboration.

Here are some individual qualities that I provide during my work

- Exceptional Technical Expertise:

Demonstrates advanced knowledge and skills in software development and problem-solving.

- Proactive Approach:

Anticipates potential issues and addresses them before they become problems.

- Clear Communication:

Maintains open and effective communication, ensuring all stakeholders are informed and aligned.

- Attention to Detail:

Delivers work with meticulous attention to detail, ensuring high quality and accuracy.

- Timely Delivery:

Consistently meets deadlines and delivers projects on time.

- Adaptability:

Quickly adjusts to new requirements or changes, showcasing flexibility in handling various tasks.

- User-Centric Design:

Focuses on creating intuitive and user-friendly solutions that enhance the user experience.

- Problem-Solving Skills:

Applies logical reasoning and creative thinking to resolve complex challenges efficiently.

- Reliability:

Demonstrates dependability and professionalism, earning trust from clients and team members.

References

Reference from Zan Triler

I highly recommend Hamza Waheed based on their work with VisualizeIt. They developed a custom CRM for us, which greatly enhanced our client management and project tracking. Hamza Waheed demonstrated exceptional technical skills, a proactive approach to problem-solving, and clear communication throughout the project. Their work was delivered on time and met all our expectations.

Best regards,

Zan Triler

VisualizeIt