

Muhammad Irfan

Senior OutSystems Developer 

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Analytical and technical-minded professional with extensive experience in architecting, developing, and optimizing scalable applications using OutSystems. Proven ability to streamline complex business processes, enhance user experiences, and oversee the full software development lifecycle. Proficient in integrating third-party systems and providing technical leadership to junior developers. Skilled in diagnosing and resolving complex technical issues, ensuring minimal system downtime.

Areas of Expertise

Application Architecture
Integration and Management

Business Process Automation
UI/UX Design

Cross-Functional Collaboration
Application Performance Enhancement

Career Experience

Senior OutSystems Engineer

Pincvision – Remote

2022 – Present

Document Solution

- Partnered with cross-functional teams to gather requirements, evaluate user stories, and design customized solutions aligned with business objectives.
- Architected the application, including the design and implementation of a consistent and scalable theme to ensure a seamless user experience.
- Engineered automated processes using timers and Business Process Technology (BPT) to efficiently handle large-scale data processing.
- Designed and implemented workflows with human activities in BPT to streamline and optimize business processes.
- Conducted performance analysis using OutSystems Analytics, identifying and resolving slow-performing queries to enhance system efficiency.
- Integrated with Oracle GTM to enable automation, and monitoring of cross-border transactions through a unified trade and transportation platform.
- Implemented OCR (Optical Character Recognition) technology for efficient document processing and data extraction using ABBYY platform.
- Enabled seamless automatic printing of documents on customer printers using Microsoft Graph APIs.
- Seamlessly integrated other third-party tools such as FTP, Outlook and SGS to enable data exchange.

Export Documents

- Implemented complex business logic and workflows using OutSystems Process Automation and reactive platform.
- Automated order processing by integrating Outlook and FTP Server with the application to read email attachments and upload them to FTP, eliminating manual intervention and increasing efficiency.
- Successfully integrated printer using Microsoft universal print graph APIs, enhancing the printing capabilities and compatibility of the application across environments. This integration streamlined the printing process for end-users, ensuring seamless document handling and improved user experience.
- Implemented Business Process Technology (BPTs) to automate the printing process, significantly improving efficiency and reducing manual intervention. This initiative streamlined document handling and enhanced overall user experience.
- Moreover, created custom extensions in C# using Integration Studio to enhance PDF file processing capabilities, facilitating seamless integration and manipulation of PDF documents within the application environment.

NORA

- Utilized OutSystems platform to create a modular and extensible architecture, facilitating rapid development and future enhancements.
- Collaborated cross-functionally to understand requirements, architect optimal solutions, and ensure alignment with project goals.
- Integrated Corticon to run the business rules, enabling streamlined decision-making and automation. Leveraged Corticon's capabilities to simplify complex business rules, enhance application performance, overcome language limitations, and optimise system functionality.
- Successfully integrated Altova's suite of XML and JSON tools into our application. Seamlessly incorporated Altova technologies to enhance data processing, transformation, and management.
- Expertly integrated Edicom's robust EDI platform to facilitate seamless electronic communication and data exchange with trading partners. Leveraged Edicom's advanced features to ensure compliance with industry standards, optimize transaction processing, and enhance overall system efficiency and reliability.
- Proficiently integrated application with AFAS, a leading ERP system, to streamline business processes and enhance operational efficiency. Implemented robust data synchronization mechanisms ensuring seamless flow of information between the application and AFAS, enabling real-time updates and accurate reporting.
- Developed BackOffice to maintain application configurations.

OutSystems Developer

ISB GLOBAL – Pakistan

2021 – 2022

Waste and Recycling One (WR1)

- Implemented Business Process Technology (BPT) solutions to streamline service agreement workflows for customers creating thousands of automated work orders within seconds, optimizing efficiency, and reducing manual workload.
- Enhanced user experience by improving front-end design and functionality.
- Collaborated with cross-functional teams to gather requirements, analyse user stories, and design solutions to meet business needs.
- Provided technical expertise and training to team members and conducted knowledge-sharing sessions to enhance the team's overall competency in OutSystems development.

Detour

Tourism-based web application with all features, a tour operator or tourist needs including transport and hotel management.

- Developed RESTful APIs using C# on the .NET Core platform, ensuring efficient communication and data exchange.
- Leveraged SQL Server 2019 for database management, designing robust schemas and optimizing query performance for scalable applications.
- Implemented Auto Mapper to streamline object-to-object mapping, enhancing code readability and maintainability.
- Utilized Refit library to simplify the integration of remote APIs, reducing development time and improving codebase consistency.
- Proficiently utilized low-level UI technologies including JavaScript and CSS to develop responsive and visually appealing user interfaces, enhancing user experience and interactivity in web applications.

Additional Experience | Projects

OutSystems Developer

HELPSY – Remote

2022 – 2024

- Collaborated closely with cross-functional teams, including developers, project managers, and stakeholders, to ensure successful implementation and alignment with business objectives.
- Integrated application with ShipEdge, a leading logistics management platform and Shopify, facilitating seamless data exchange between platforms. Utilized Timers, BPTs, REST APIs, Webhooks, and OutSystems reactive platform to optimize inventory management, order processing, and shipment tracking, ensuring efficient communication and operation.
- Proposed and executed innovative optimization strategies to enhance application performance, such as consolidating multiple API calls to Shopify into a Backend Job Business Process Technology (BPT), resulting in streamlined user interactions and improved system efficiency.
- Proficiently diagnosed and remedied application defects promptly, resulting in improved application performance and the seamless operation of systems across diverse environments.

Licenses & Certifications

ODC, OutSystems, 2024

Professional Web Developer, OutSystems, 2023

Associate Reactive Developer, OutSystems, 2022

Associate Traditional Developer, OutSystems, 2021

Dot Net Specialist (ASP.NET CORE, C#), EVS Lahore, 2020

Education

Masters in computer science, Punjab University College of Information Technology, Lahore

Bachelors in computer science, Punjab University, Lahore