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| |  | | --- | | Arslan Rai |  |  | | --- | | Senior Software Engineer (.Net + React + Azure) | |

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| Summary |

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| Results-driven full-stack .NET developer with 6+ years of experience building scalable web applications using ASP.NET Core, C#, React, and Angular. Skilled in database design (SQL Server, Azure), ETL processes (ADF, Synapse), and Agile methodologies. Proven ability to collaborate effectively, troubleshoot complex issues, and deliver high-quality solutions. |

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| Key Skills & Competencies |

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| Technical Toolkit:  * + - **Languages:** C# (6 years), T-SQL (6 years), HTML (6 years), CSS (6 years), JavaScript (6 years)     - **Frameworks:** ASP.NET Core MVC (6 years), ASP.NET WebForms (6 years), RESTful Web APIs (6 years)     - **JavaScript Front-End Frameworks:** React (2 years), Angular (2 years)     - **Azure Cloud Services:** Azure App Services (6 years), Azure Blob Storage (2 years), Azure Data Lake Storage (2 years), Azure SQL Database (2 years), Azure Data Factory (2 years), Azure Synapse Pipelines (2 years), CI/CD Pipelines     - **Project Management:** Azure DevOps (6 years), Jira (2 years), Redmine (2 years)  Business User Requirement Gathering:  * + - 6+ years of experience eliciting and documenting user requirements, translating them into clear and actionable BRDs. Proven ability to break down complex projects into manageable deliverables.  Communication and Collaboration:  * + - Strong communication skills, evidenced by effective collaboration with clients and teams. Acted as a bridge between commercial and technical divisions.  Adaptability:  * + - Highly adaptable and versatile, with a proven track record of quickly mastering new tools and technologies to meet evolving project needs. |

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| Academic Summary |

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| * + Bachelor of Science in Computer Science |

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| Work Summary |

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| Mar 22 – Oct 22Environment: RectJS, JavaScript, .NET 6, ASP.NET Core API, EF Core, MS SQL Server, Bootstrap Job Role: Software Engineer | Internal Order Booking System An application was created to enable sales agents to efficiently book orders from walk-in customers. These orders were subsequently reviewed and fulfilled by the finance office, streamlining the sales and order processing workflow.  Responsibilities:Collaborated with the CTO to establish project outlines, deliverables, and deadlines. The end-to-end process was mapped and implemented using ReactJS for the front-end. All orders were securely persisted in a MS SQL Server database via an ASP.NET Core API utilizing Entity Framework Core. |

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| Jan 24 – Jul 24Environment: .NET 8, ASP.NET Core MVC, EF Core, MS SQL Server, Bootstrap, jQuery, JavaScript Job Role: Senior Software Engineer | Donations Data Processing An existing mainframe COBOL system, originally created in 1979, was successfully upgraded to modern tools and technologies. This modernization led to a significant increase in data processing capacity and efficiency, reducing batch processing time from two hours to under one minute.  Responsibilities:Developed and optimized multiple modules, including writing efficient SQL Server stored procedures for bulk data imports using templates. Successfully implemented a multi-step wizard approach to streamline complex processes, persisting state data in the database for enhanced user experience and workflow management. |

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| Apr 24 – May 24Environment: .NET 8, Windows Forms Apps, MS SQL Server, Selenium.Job Role: Project Lead & Developer | Indeed Jobs Scrapper A Windows Forms application was developed to assist business development teams in generating more leads within the US job market. This application operated continuously on multiple systems, scraping newly posted jobs and generating periodic email reports to facilitate lead identification and acquisition.  ResponsibilitiesLed meetings with business development teams, the CEO, and project manager to establish project scope, define timelines, and outline deliverables. Subsequently, completed development and collaborated closely with the business development team for installation (via MSI installer), configuration, and troubleshooting support, ensuring successful project delivery. |

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| May 23 – Jan 24Environment: .NET 6, ASP.NET Core API, EF Core, MS SQL Server, Bootstrap, Angular, TypeScript, VM Ware, Hyper-V, Azure VM Job Role: Senior Software Engineer | Windows Application Packaging Solution A software packaging and distribution platform was developed to streamline the process of creating unified installers for Windows applications. Leveraging .NET technologies (ASP.NET APIs, WinForm Apps, C#, TypeScript, Angular, MS SQL Server), the platform enabled rigorous testing of application installers against various Windows versions and builds using hypervisors like Azure VM and Hyper-V.  Responsibilities:Responsibilities encompassed building, integrating, and testing the software packaging solution. This involved conducting peer code reviews, creating work packets, and providing support to team members. Active participation in Agile ceremonies ensured project alignment and successful delivery. The project's core objective was to optimize the creation of single, unified installers for diverse Windows applications, capturing and repackaging installation changes into MSI, MSI + MST, or MSIX formats. |

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| Jun 22 – May 23Environment: .NET 6, ASP.NET Core API, EF Core, MS SQL Server, Bootstrap, Angular, TypeScript. Job Role: Software Engineer | Serial Number Management Contributed to an ongoing project, ensuring its design, development, and testing aligned with global requirements. This web application, built upon .NET technologies (ASP.NET Core API, C#, TypeScript, and Angular) and utilizing Azure services (Data Warehouse, Synapse Pipelines, Cosmos DB), provided a platform for comprehensive monitoring and management of the company's forestry, mining, and construction machines worldwide. The platform facilitated usage trend analysis, issue diagnosis, and proactive service/maintenance recommendations based on sensor-generated alerts.  Responsibilities:Full data lifecycle, from collection from regional/local sources and transaction processing systems to storage in Azure Data Lake Storage. This involved structuring, cleaning, and loading data into the global Data Warehouse for consumption by global applications, reporting, and analytics. The development process included rigorous unit testing, integration testing, and client demonstrations to ensure the delivery of high-quality solutions. |

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| Jun 21 – Jun 22Environment: Waterfall, Jira, Mito. Job Role: Expert Automation, Project Lead, Liaison | Digital Business Support Solution 0.6This system was created to automate manual tasks previously handled by the sales team, channel planning, and regional operations, leading to reduced manual effort, streamlined dependencies, and optimized workforce allocation. The project showcased a full-cycle approach, from conception and design to development and execution, demonstrating proficiency in all stages of the System Development Life Cycle (SDLC). Responsibilities:Responsibilities included identifying improvement areas in existing systems, driving innovation, and adding value through system enhancements. Each phase of the system development life cycle was meticulously managed, from project scope definition to final User Acceptance Testing (UAT). A key focus was placed on empowering business users by providing them with the tools and technologies necessary to efficiently manage their workload and accomplish their tasks. Additionally, played an active role in the testing and go-live phases, participating in UAT for the B2C segment across multiple platforms (Web, Desktop, and Android). |

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| Nov 18 – Dec 20Environment: Waterfall, .NET Framework, ASP.NET WebForms, MS SQL Server, Azure DevOps Job Role: Expert Automation, Project Lead, Liaison | Jazz Point - The Channel Management SystemActed as a bridge between business and technical teams, translating business challenges into actionable technical requirements. This facilitated clear communication and the establishment of well-defined deliverables, ultimately providing effective solutions for evolving business needs. Responsibilities:Responsibilities included close collaboration with sales and operations teams to identify and address areas for improvement within critical business processes. As an in-house developer, a comprehensive system was built to empower Channel Planning & Distribution efforts. This system facilitated user management with role & access management, end-to-end inventory management (including stock receiving, issuance, movement, tracking, and disposal), franchise & retailer enablement through biometric device management, efficient repair & maintenance via a ticket tracking system, and multiple utilities such as sales campaign tracking, channel master data management, and daily dashboards/reporting emails. |