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OBJECTIVE

Executive Summary

A seasoned professional senior level architect of Enterprise level real time applications possessing 12 years of IT & Telecommunications experience with a concentration on Enterprise and Business Transformation. A patented and published individual whose work illustrates solid business acumen coupled with insight and the ability to ascertain and analyze social, cultural, and business needs, define strategic technical vision, forecast goals, streamline technical operations that lead to successful delivery and demonstrated business results. I worked with different sectors including government and development sector, having extensive experience in building rich management information system for business automation. I possess a high level of proficiency in team management, and leadership through times of change; both cultural and organizational. I'm highly skilled at delivering architectural designs (both technical and business) and their solutions encompassing diverse technologies to connect business intent through multiple social networks to meet or exceed business expectations with a comprehensive understanding of a myriad of industry verticals, their integrated business and social networks, vendors, and organizational/cultural differences.

EDUCATION

BS(Software Engineering) UET Taxila	2008-2012
FSC (Computer Science) Punjab college of Information Technology	2006-2008
Matriculation (Science) Rawalpindi Board (72%)	2002-2004
Hafiz Quran (Wafaqul-Mudaris Arabia)	2004-2006

EXPERIENCE

IT Solution Associate (Backend Developer)	Dec 2021-Current
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WORLD FOOD PROGRAM

Leading software implementation of web & mobile (.NET BACKEND) for BISP Nashunuma Nutrition project including.

- In coordination with SPM/IS Architect/Principal Technology Advisor develop and implement computer application Systems, modules and any software component needed to support BISP programs and projects.
- Document all technical details and architecture to technical specification.

-SQL,SQLITE,MYSQL
-ORACLE,PL/SQL,Mongo DB
-ASP.NET, .NET CORE C#
-VB.NET,CSS,bootstrap
-HTML5,Silverlight,WPF
-JavaScript,Jquery,AJAX,XML
-JSON
-entity framework
-LINQ,Dapper,JDBC
-WCF/ ,UML,.NET CORE
-MVC,MVVM
-angular,React
-Azure ,Aws ,SQL Server 2012
-Windows forms/web forms
-Telerik ,Crystal Reports
-WEB API Rest services,SOAP
-Swagger,OpenAPI
-scrum
-Git,TFS,tomcat,docker
-ERP development
-Requirement Elicitation &
Technical Documentation

- Develop Systems and module graphical interfaces, web modules, database modules, desk based and mobile applications, reports and statistics, and any software components needed to deliver complete and functional requirement by the Information Systems cell.
- Perform all necessary software maintenance, including coding, testing, debugging, upgrading and modifications of software requested by the IS Architect/Principal Technology Advisor/SPM
- Apply software development methodologies as directed by BISP Information Systems cell to develop, implement, and test Systems and software components, as requested, and directed by the IS Systems Architect/Director IS.
- Design, develop and implement Systems and software technical specifications based on business requirements provided by Information Systems cell.
- Develop and maintain Systems and software documentation to facilitate maintenance and upgrade activities.
- Provide the necessary technical support to all members and work as a team to accomplish the software development and implementation tasks requested by the IS Systems Architect/Principal Technology Advisor.
- Contribute technical and professional knowledge and experience to improve BISP IS operations and technical platform.
- Provide training and mentoring to the team members on use of APP developed and respond to related queries.
- Provide required technical support to BISP as and when required for efficient use of the developed software and program.
- Develop and provide a weekly project status report describing the status of the above activities and any issues that may emerge, with conclusions and recommendations according to the BISP IS software development operation.
- Any other task as desired by reporting manager and any technical task required in a team environment for solution delivery.

Senior Software Engineer

April 2019 – Nov 2021

IMDC

- Develop high-quality software design and architecture
 - Identify, prioritize and execute tasks in the software development life cycle
 - Develop tools and applications by producing clean, efficient code
 - Automate tasks through appropriate tools and scripting
 - Review and debug code
 - Perform validation and verification testing
 - Collaborate with internal teams and vendors to fix and improve products
 - Document development phases and monitor systems
 - Ensure software is up-to-date with latest technologies
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Plan International

- Institute protocols for the use of IT across departments and projects
- Provide advice on the most suitable IT choices
- Provide technical support or training for systems and networks
- Develop software solution and update them accordingly
- Install and configure software and hardware (printers, network cards etc.)
- Monitor system and network performance
- Perform troubleshooting, repairs and data restoration
- Performance maintenance activities (e.g. backups)
- Maintain licenses and upgrade schedules
- Collaborate with other professionals to maintain standards and functionality

Software Application Consultant

April 2016 – SEP 2016

Pakistan Ordinance Factory

- Adopt, develop, and execute a robust software development lifecycle, using industry best practices.
- Lead software development team for an enterprise level office automation system in POF
- Actively collaborate with internal stakeholders including Product Managers, developers, testers, engineers, managers and sales people
- Work alongside with Programmers, Enterprise Architects, Leads and Senior Project Managers
- Engage with IT project manager to plan tasks. Communicates concepts, action plans crisply to sourcing provider, business, IT and division leadership
- Leads in the development of long term technology strategy and planning for the entire organization leveraging existing and acquiring new resources
- Manage projects or tasks using the State and industry project delivery methodologies and best practices
- Provide technical leadership and oversight for sales opportunities involving custom solutions and/or architecturally significant product enhancements.

Software Engineer

Jan 2014- March 2016

Plan International Pakistan

- 1- Worked primarily on the dashboard UI of a cloud - based product [Angular JS]
- 2-Developed responsive web pages and interactive charts displaying the user activity on the product.
- 3-Developed web services for new modules and optimized the existing web services.
- 4-Redesigned and implemented a faster overall search mechanism across the entire application.
- 5-Debugged and provided quick, efficient solutions for highly critical bugs in major releases of the product.
- 6-Worked in small agile teams with an emphasis on user interface development.

Developed a customized .NET CMS Solution, Which has two Sections Admin and Portal through admin a non-technical person even load the web sites content and the portal shows the inserted content by the Admin part.it is multi language , multi-platform application having virtualization as well.(Virtualization means the user do not have to create multiple pages the pages are virtual in nature)

- Helped in formulating the business case for the site, individually designed the logical and physical structure of the application
- Created sophisticated SQL Server database to responsively handle complex queries (T-SQL, DTS, triggers, stored procedures, functions, optimization) and .NET data access components
- Implemented business logic as .NET Framework assemblies (C#,JAVA, VB.NET,Entity framework,LINQ)
- Envisioned and built front-end for the site written in ASP.NET, MS Visual Studio .NET, C#, VB.NET, XML, VBScript, HTML, JavaScript, Dreamweaver , also worked on HTML and css for design .

PROJECTS

1-Bisp Nashunuma Project (.NET core)

Bisp Nashunuma program for stunting prevention in child's and mothers, it includes a fully dynamic data driven mobile application having real time payment options to beneficiaries with integration of bank for payment, having complete reporting with statistics, comprehensive dashboard for reporting to senior management.

2-Vehicle tracking system at tool plaza

Vehicle tracking system is designed to automatically keep track of the vehicle's movement, record the time and other details of the vehicle; this is very useful system for automatic tracking of the vehicle and calculate the tool tax based on the vehicle type. This was a minor project which just detects the type of the vehicle using camera and then calculate its tax. Other details about the project are enclosed with the project guidelines document. This project was written using c++ with OpenCV.

3-Air Line Reservation system online (JAVA):

The main objective of this application is to decrease the manual mistakes engaged in the commercial airline booking process and create it practical for the clients to book the routes as when they require such that they can implement this application to create bookings, change bookings or terminate a particular booking. This project was given by the client who Airline services are up and running across the world FUTURE FLIGHT SERVICE (FFS).

<http://www.ffa.aero>

4-Web based Teacher evaluation System.(.NET C #)

The main idea of this project is to automate the manual teacher performance measurement at the end Of each semester , this was my own University project and I automate the whole process into a web Based system , the users are the students and they have their login

credentials , each semester has Assigned teachers , and the students of that semester need to evaluate the teacher performance and the chairman and head of department and dean available to see the reports. The project was implemented using ASP.NET with c sharp and SQL server as a database tool.

4- Web based Business solution for Monitoring and evaluation

This project was designed for a non-profit organization to measure their progress annually as well as quarterly having database and dashboard development with roles and rights ,reports,integration with financial systems. RBME Evolution is a web-based software platform which streamlines results-based management and monitoring and evaluation (M&E) of international development programs or projects. This can help you to easily capture, track, manage and report on development interventions using sound performance indicator data, and deliver more impact to those in need.

5- HypoXL.BackOffice – Loan Application Management System

A Web based CRM system that manages all the stages of a loan application and approval process in a financial institution in the Netherlands. Implements data entry, specific workflow, search and reporting.

6- HOSPITAL MANAGEMENT SYSTEM

An integrated information system for managing all aspects of a hospital's operations such as medical, financial, administrative, legal, and compliance. It includes electronic health records, business intelligence, and revenue cycle management. Hospitals and healthcare facilities improve the quality of healthcare services, reduce operating costs, and improve the revenue cycle by using such hospital management systems. Hospital Management System typically includes Outpatient and Inpatient Management, Pharmacy, Laboratory, Radiology, Inventory, eClaim, Mobile Apps, Tablet Versions, Online Scheduling, Secured Messaging, Doctor and Patient Portals, Accounting, HR/Payroll, Blood Bank, Mortuary, Alert Software, Dietary, Feedback, Lab Machines and Biometric Integration, HL7/Integrated PACS, and Business Intelligence.

INTERESTS

Photography, gaming, swimming.

References: Will be furnished on request.