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| **Resume -Shoukhat Ali Khan**♦ **Email:** shoukhat.khan@hotmail.com ♦**Mob**: +973-39674295 |  |
| **Dynamic & Accomplished Professional With 20+ Years Of IT Experience in** **Manufacturing / Banking / Energy & Utilities / Telecom Domain** |

**Profile Highlights**

* Extensive experience in design, coding and implementation of several enterprise level applications, currently functioning as **.Net Fullstack Engineer** in **Bahrain** semi-government organization.
* Gained European work experience, cross-culture adaptability and sound exposure of working in international environment (onsite work) in UK for 2 years, UAE for 5 years and Sweden for 1 year.
* Skilled in collation & development, coding, testing & debugging of applications in different software languages, identification of new technologies for implementation, software modeling and simulation.
* Expertise in full Software Development Life Cycle for implementation and integration with deep understanding of technology focused on delivering business solutions.
* Adroit in conducting periodic reviews, identifying & mitigating risks, measuring metrics, tracking project progress and submitting status reports.
* Efficient Team Leader & Player, combining communication, interpersonal & problem solving skills with analytical, decision making and leadership capabilities to enhance organizational objectives.

**Work History**

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| Organization | Designation | Work Location | Period |
| GARMCO  | Senior Fullstack Engineer | Bahrain (Middle East) | 8th Feb 2013 till date |
| Logica (now CGI) | IT Consultant | India, UK and Sweden | 7th Nov 2005 – 25th Jan 2013 |
| Silvertech Engineering | Software Engineer | Dubai - UAE | 1st Feb 2000 – 27th Oct 2005 |

**Key Achievements**

* **Full Stack Development**: Architected and developed a number of large-scale enterprise level applications from scratch with the End-to-End responsibility of implementing the Frontend as well as the Backend.
* **Banking Domain Experience:** Worked with **ABN AMRO Bank** for the implementation of **BASEL 2**.
* **Empowering HR Department:** Architected and developed a number end-to-end solutions and made a substantial contribution to empower the HR department with automated tools like 360° Employee Performance Management System, Automated Employee Contract Renewal System, Employee Training Management System, Employee Personal Action Forms etc. by using the latest technologies.
* **AI and Cloud Development:** Architected and developed from scratch AI solutions across various departments using **AWS, ALEXA for Business and RESTful Web API** for data the exchange.
* **Robotic Process Automation:** Made a substantial contribution to the Finance Department by Architecting and developing the **Automatic Invoice Processing** using **UiPath**
* **Data Analytics:** Developed various analytical dashboards using JavaScript charting tools like **ChartNew.js** for data analysis and drill down reports using **Microsoft Power BI**.

**Key Skills**

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| * C#
* Angular 9
* Typescript
* Bootstrap
* ASP.Net Web Forms
* ASP.Net MVC 4
* Entity Framework
* JavaScript
* JQuery
* Bootstrap
* Azure LUIS
 | * Microsoft Power BI
* Visual Basic 6.0
* C/C++
* VB.Net
* Windows Mobile
* Oracle Apps 11i
* SQL Server
* Oracle
* SharePoint Server 2016
* UiPath (RPA)
* Azure QnA Maker
 | * Windows Communication Framework
* Windows Presentation Foundation
* Silverlight
* Crystal Reports
* Telerik Web Components
* Telerik Reports
* TFS / Azure DevOps
* HTML5 & CSS3
* AJAX
* Amazon Alexa Development (AI)
* ROSSUM AI Services
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**Certifications**

* AWS Cloud Essentials (from Thinksmart - Bahrain)
* Oracle Applications 11i (from Oracle University)
* .Net Compact Framework (from Verhoef Training UK)
* IELTS Scoring 7.0/9.0 (1999)

**Academics**

Pre University (Computer Science) – 1997

Bachelor of Computer Science - 1999

**Professional Work Experience**

**Current Organization**

**Feb 2013 till Date**

**GARMCO**

Senior Fullstack Software Engineer

Bahrain-based Gulf Aluminium Rolling Mill (GARMCO) is the first and one of the largest downstream aluminium facilities in the Middle East for rolling, cutting and fabricating aluminium. With an annual production capacity of 165,000 tonnes, GARMCO specialises in producing high-quality flat rolled aluminium products in various sizes and alloys, including sheets and coils. These products are exported to key markets around the world – stretching from Australia to the USA – to over 2,000 customers in more than 45 countries.

Established in 1981 by the governments of Bahrain, Iraq, Kuwait, Oman, Qatar and Saudi Arabia, GARMCO has steadily developed into a truly global organisation, with a network of 16 subsidiaries and associate companies spanning the Middle East, Asia, Far East, Australia, Europe and the USA. Today, the Group employs over 1000 people worldwide, and has an annual turnover exceeding US$ 450 million.

**Current Roles & Responsibilities**

* Requirement gathering and requirement analysis.
* System Architecture and Design.
* Development of in house software applications.
* Automate the business processes.
* Design, develop and maintain the applications.
* Perform testing and implementation of applications.
* Enhancement and support of current applications.
* Version controlling and configuration management.
* Reporting directly to the IT manager.

**Current Ongoing Project:**

Automated Employee Contract Renewal

Currently architecting and developing an intranet web application for the employee contract renewal system mainly used by our company’s HR department to record and automate the contract renewal process of the expatriate employees. An automated service monitors the contracts of expatriate employees and generates renewal requisitions before 3 months of the expiry date. These requisitions are assigned to the respective department managers for their feedback and approval and their responses to the details like whether renewal is required or not, the term for which the contract has to be renewed, if renewal not required then who will fill the position and so on. The approval goes through a workflow process and once it completes the requisition is assigned to the HR Department for their processing.

Technologies Used:

* ASP.Net Web Forms
* C#
* .Net Framework 4.7
* Microsoft Expression SketchFlow(for prototyping)
* Bootstrap
* HTML5 and CSS3
* JQuery and JavaScript
* ChartNew.js
* Entity Framework 6
* SQL Server 2016
* Windows Workflow Foundation 4.5
* Telerik Reports
* Team Foundation Server – Azure DevOps

**Previous Project:**

Robotic Process Automation for Invoice Processing

Successfully designed, developed and implemented an RPA to automate the invoice processing carried out in the Finance department of GARMCO. Since GARMCO is a big organization and having hundreds of invoices every month. Vendors email or fax the invoices to the Finance department who in turn match it with the purchase orders and then input the details into the ERP system (JD Edwards) manually which was very tedious and prone to human errors hence it was decided to leverage the capabilities of Artificial Intelligence and Robotic Process Automation engines to automate this task which would eliminate human errors and provide a 24/7 working by robots instead of humans. The system is designed in such a way that the invoice receiving email-id is continuously monitored by the robot which extracts only the attached invoices and places it in a processing queue wherein another robot extracts the key information from the invoice like Invoice number, Invoice date, Supplier number, Purchase Order number etc. using a cloud AI service called ROSSUM and then enter this information into the ERP system.

Technologies Used:

* UiPath
* ROSSUM

Voice Enabled Information Reporting using Amazon Alexa for Business

Successfully designed, developed and implemented Alexa skills across various departments for their respective tasks as mentioned below. The Alexa skill from AWS servers would connect to GARMCO data exposed through a data web API and fetch the required information.

* LME (London Metal Exchange) Rates skill for Sales Department:

This skill enables a user to ask Alexa the current LME rates for aluminum which they require every now and then for sales purpose. Earlier the users had to call the finance department and get this information which would result in delayed processing times. This skill will connect to the database and get the latest information and return back the results as a voice to the user which is very easy and quick.

* Performance Analytics skill for CEO and other top-level managers:

Top-level managers and the CEO keep requesting for the summary analytics in various areas like Production, Booking, Invoicing, Shipping, Accidents and Incidents etc. from time to time from the ICT department. All this information is available in the database and also advanced users have the facility to extract customized reports on various criteria. To enhance this experience a voice enabled Alexa skill was introduced to fetch information based on the requested area with the custom criteria.

Technologies Used:

* Amazon Alexa for Business
* C#
* .Net Framework 4.7
* RESTful ASP.Net Web API
* SQL Server 2016

Automation of Purchase Request for Stock Items

Successfully designed, developed and implemented an intranet web application for approval of purchase requests for stock items in the stores department. The ERP system (JD Edwards) of the organization raises purchase requests as and when the stocks reach the reorder level. Once the requests are raised then the web application creates and assigns an approval requisition for the PR. This approval goes through a workflow of approvals to various departments and manager based on the stock item type and categories and also based on the Schedule of Authority of approval limits for each manager. Once the approval completes then the ERP system is updated and a Purchase Order is generated by the ERP and assigned to the Purchasing Department for their processing.

Technologies Used:

* ASP.Net Web Forms
* C#
* .Net Framework 4.6
* Microsoft Expression SketchFlow(for prototyping)
* Bootstrap
* HTML5 and CSS3
* JQuery and JavaScript
* Entity Framework 6
* SQL Server 2016
* Windows Workflow Foundation 4.5
* Telerik Reports
* Team Foundation Server

Employee Performance Management System

Successfully designed, developed and implemented an intranet web application for the employee performance management system mainly used by our company’s HR department to record and automate the annual review process of the employees. This application creates appraisal records automatically at the beginning of every year and creates pre-defined competencies for all the employees based upon their grade and department. Once the appraisal records are created then then the supervisors or immediate managers are notified to discuss and enter objectives and development plan for their reportees. The objectives and development plan is being reviewed by the supervisors BI annually i.e.: Mid-Year Review and Year-End Review. Based on the ratings provided in the year-end review points are being calculated using a formula provided by the HR and automatically a personal action form is created with the salary increment details relative to the points gained which goes through a workflow of approvals from various managers. Once the approval completes the salary of the employee is incremented automatically.

Technologies Used:

* ASP.Net Web Forms
* C#
* .Net Framework 4.6
* Microsoft Expression SketchFlow(for prototyping)
* Bootstrap
* HTML5 and CSS3
* JQuery and JavaScript
* Entity Framework 6
* SQL Server 2016
* Windows Workflow Foundation 4.5
* Telerik Reports
* Team Foundation Server

Online Supplier Self Service Dashboard

Successfully designed, developed and implemented an online dashboard for the suppliers registered with GARMCO. The organization has around 3000 vendors across the globe and maintaining their details like VAT IDs, Branch info and other contact details was a crucial challenge to the Purchasing Department as this was earlier done case to case basis which resulted in having stale information in the vendor database and also made the finance department’s work harder to release payments which in turn resulted in payment delays. With the introduction of VAT in the entire Middle Eastern region where earlier there was no VAT it was difficult to update these details with the current mechanism. Hence it was decided to have an online application which the suppliers could use to update their information. A service would run which would send emails to all the vendors with an encrypted link containing their details using which they could log into the web application to update their details and adding or removing branch information. The audit team also wanted the application to have an email communication system within this app which would record the entire interacted between the vendor and GARMCO hence this feature was added into this app which stored the communication details in the form of email client having Outlook type of features.

Technologies Used:

* ASP.Net Web Forms
* C#
* .Net Framework 4.6
* Microsoft Expression SketchFlow(for prototyping)
* Bootstrap
* HTML5 and CSS3
* JQuery and JavaScript
* Entity Framework 6
* SQL Server 2016
* Team Foundation Server

**Previous Project:**

Automation of Request for Resource System

Successfully designed, developed and implemented an intranet application which is used by various departments within GARMCO to request new or replacement resources to the HR department. The earlier system was manual and the departments would fill up a form, get it signed by the various approving managers and then submit it to the HR department. The HR would then search for either internal or external resources to fill the positions. As a result of manual process there were lot of delays and also the requests being misplaced or kept on hold due to insufficient information regarding the department budget. As a solution to this problem GARMCO thought of creating an internal application where the department managers would create a request online for the resource which would go through the approvals using the workflow and then would reach the HR department upon all approvals. This ensured that the position requested for is already budgeted. Once the request reaches the HR then it is assigned to the Internal Recruitment Officer who would first look within the company if it can be filled by an internal resource by publishing it within GARMCO. At this stage the recruitment officer can either fill the position with an internal resource and close the request or escalate the request to External Recruitment Officers due to unavailability of internal resource. At this point when external recruitment has to be done there are certain extra approval required after which the request would be assigned to the recruitment officers who would fill the position by hiring external candidates and then close the request. This process ensured the smooth approvals, zero loss of information, avoiding budget issues at later stages and avoiding delays.

Technologies Used:

* ASP.Net Web Forms
* C#
* .Net Framework 4.5
* Microsoft Expression SketchFlow(for prototyping)
* Entity Framework
* SQL Server
* Windows Workflow Foundation 4.5
* Telerik Web Components
* Telerik Reports

**Other Assignments**

* Integrated Information System (Part-Time Software Programmer), Mar 1998 - Jan 2000

**Personal Details**

Date of Birth: 15th June 1978

Languages Known: English, Hindi, Urdu, Arabic and Kannada

Valid Indian Passport Holder

Reference: Available on Request