

Khalid Hussain

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CAREER OBJECTIVE

To pursue a challenging and competitive career where I can leverage my skills and experience for the betterment of the Organization and further improvement to my own learning.

CAREER SUMMARY

Over 15 years of technical and functional experience in Information Technology in the role of AVP, Sr. Manager Software, Sr. Software Engineer and ERP Coordinator. Leading software engineering teams in analysis, design and development of scalable and robust enterprise applications based on N-tier architecture on Microsoft & other Platforms. Expertise in ETL, Systems Integration and BI tools. Possess diversified technical background with Enterprise System Solution. Active role in Oracle ERP (Financials) implementation and integration with CRM.

Basic understanding on Machine learning algorithms and predictive models to derive analysis and business value from data sets through classification, clustering and regression.

PROFESSIONAL EXPERIENCE

- **TPL Corp Ltd.** <http://www.tplcorp.com>

- ***AVP Software Development*** (Jul/2018 – Present)

- Responsibilities:

- System Analysis & Design.
 - Perform Requirements Analysis and WBS creation.
 - Develop Application & Database Design with Team Lead.
 - Leading multiple teams & Projects.

- **TPL Trakker Ltd.** <http://www.tpltrakker.com>

- ***Sr. Manager Software Development*** (Jul/2012 – June/2018)

- Responsibilities:

- System Analysis, Design, Develop & maintain business applications.
 - Perform Requirements Analysis and WBS creation.
 - Develop Application & Database Design.
 - Team & Project Management.

- ***Sr. Software Engineer/ERP Coordinator*** (Jul/2011 – Jun/2012)

- Responsibilities:

- System Analysis, Design, Develop & maintain business applications.
 - Perform Requirements Analysis and Develop Use Cases.
 - Develop Application & Database Design.
 - Addition of Oracle AR, AP Invoices DFF's with respect to CRM. Participate in Integration of Oracle EBS AR and AP Invoices with customized CRM, Setup mapping between CRM and ERP, testing and training of end user.
 - Resource Build up (lead a team of 4 Software Engineers)

- ***Sr. Software Engineer*** (Apr/2008 - Jun/2011)

- Responsibilities:

- System Analysis, Design, Develop & maintain business applications.
 - Perform Requirements Gathering and Develop SRS, Use Cases.
 - Develop Application & Database Design

- **THK Solutions Pvt. Ltd.** <http://www.thksolutions.com>
 - *Software Engineer* (Dec/2007 – Apr/2008)
Responsibilities:
 - Design, Develop & maintain business applications.
 - Perform Requirements Gathering.
 - Produced technical documentation.
- **Pacific Delta Shipping Pvt. Ltd.** <http://pacificdeltapk.com/>
 - *Computer Programmer* (Apr/2005 – Nov/2007)
Responsibilities:
 - Design, Develop & maintain business applications.
 - Perform Requirements Gathering.
 - Produced technical documentation.
- **Faysal Associates** <https://faysal.com.pk/>
 - *Software Engineer* (Oct/2003 – Mar/2005)
Responsibilities:
 - Develop & maintain business applications.
 - Produced technical documentation
- **Multitech Computer Systems**
 - *Computer Programmer* (Feb/2003-Sep/2003)
Responsibilities:
 - Develop & maintain business applications.
 - Produced technical documentation

PROJECTS

Project:	WhatsApp Business - InfoBip Integration
Description:	WhatsApp Business Integration thru Infobip Enterprise APIs for customer service and sales process.
Tools:	Web API, Sql Server 2014.
Organization:	TPL Life Insurance Limited. (TPL Corp Ltd.)
Team Size:	4
Project:	Insurance reporting on IFRS-17 standardization (In progress)
Description:	Classification of claims and premium data in CSV format using link ratios and various calculation methods to analyze risk exposure and generate insurance reporting on IFRS-17 standards to forecast the IBNR estimated loss in graphical output.
Tools:	Asp.net MVC, Python (Jupyter Notebook), Pandas, Numpy, Matplotlib, Data cleansing and modelling.
Organization:	TPL Life Insurance Limited. (TPL Corp Ltd.)
Team Size:	4
Project:	Health Insurance System
Description:	Web Application contains Product Setup, Policy UnderWriting, Claims, Security and Admin modules.
Tools:	Asp.net MVC, JQuery, EF, Sql Server 2014, SSRS, MS Visio.
Organization:	TPL Life Insurance Limited. (TPL Corp Ltd.)
Team Size:	9
Project:	TPL Insurance App
Description:	Mobile App using real-time driver analytics thru Telematics to track driving behavior, score and violation data. Also includes Quote, Self-Survey, Buy, Claims and Complaint requests, Push notifications and other features developed using Web APIs.
Tools:	Web API, Sql Server 2014.
Organization:	TPL Insurance Ltd. (TPL Corp Ltd.)
Team Size:	7

Project: Sales Portal
 Description: Sales experience starting from web site lead till online payment. Web Application contains Quote, Proposal and check out with payment gateway integration.
 Tools: Asp.net 4.0, JQuery, WCF Services, Sql Server 2014
 Organization: TPL Insurance Ltd. (TPL Corp Ltd.)
 Team Size: 6

Project: Insurance Management System (IMS)
 Description: Core General Insurance Web Application contains core business modules (Product setup, Policy UnderWriting, Claims, Co/Reinsurance, Complaint Management, Call Centre, Task Management workflow, Mailroom, Admin for Personal and Commercial lines business.
 Tools: Customized Framework using design patterns for RAD using Asp.net 4.0, SSRS, Sql Server 2014.
 Organization: TPL Insurance Ltd. (TPL Corp Ltd.)
 Team Size: 12

Project: Intacct Financial ERP Suite
 Description: General Insurance System's Integration with Intacct API's for AP, AR, Adjustments, Receipts, Payments.
 Tools: C#, Sql Server 2014, Intact Platform Services.
 Organization: TPL Insurance Ltd. (TPL Corp Ltd.)
 Team Size: 2

Project: R12 Oracle ERP Financials
 Description: General Insurance System's Integration with Oracle EBS for AP, AR, Adjustments.
 Tools: C#, Sql Server 2008, Oracle EBS (ERP)
 Organization: TPL Insurance Ltd. (TPL Corp Ltd.)
 Team Size: 3

Project: General Insurance System (GIS)
 Description: Web application contains Policy UnderWriting, Co-Insurance, Claims and Finance (Receipts/Payments) modules for Motor Insurance.
 Tools: JSP, JSF, Sql Server 2005, Crystal Reports
 Organization: TPL Insurance Ltd. (TPL Corp Ltd.)
 Team Size: 5

Project: DECA (HBL Customer profiling)
 Description: Data Enrichment and Cleansing Activity for HBL Customers.
 Tools: C#, SQL Server 2005
 Organization: THK Solutions
 Team Size: 2

Project: Delta Import/ Export and B/L Automation.
 Description: It is an Import & Export System which includes Import, Export, B/L and Documentation.
 Tools: MS Visual Basic 6.0, Sql Server 2000, Crystal Reports
 Organization: Pacific Delta Shipping Pvt. Ltd.
 Team Size: 4

Project: Sales Order system (Speedy Distributors, Hilal Confectionary)
 Description: Sales Order entry through handset using online Order Form. Inventory is maintained via back office.
 Tools: MS VB 6.0, ASP 3.0, Sql Server 2000
 Organization: Faysal Associates
 Team Size: 3

Project: Payroll System
 Description: Application contains hiring of Employees, Salary details, Monthly Payroll, P.F., E.O.B.I. Tax Deductions.
 Tools: MS Visual Basic 6.0, Sql Server 2000, Crystal Reports.
 Organization: Multitech Computer Systems
 Team Size: 4

TECHNICAL SKILLS

Web Development	ASP .NET, ASP.Net MVC, Web Services, WCF REST, JSP, Java Script, XML, HTML.
IDE	Microsoft Visual Studio 2005 to 2015, Anaconda, IBM Eclipse, Netbeans6
Languages	Microsoft C# .NET, Java, T-SQL.
Data Science	Python, NumPy, Pandas, Matplotlib
Machine Learning	Linear and Logistic Regression algorithms, Supervised & Unsupervised learning.
DBMS & Data Access	Microsoft SQL Server 2014, ADO.Net, Subsonic, Entity Framework (ORM).
System Analysis & Project Mgmt. skills	System Analysis & Design, SDLC, UML, Project Management (PMP), Ms. Visio, Ms. Project.
BI & Reporting Tool	QlikView, MSSQL Server Reporting Services, Crystal Reports.
Enterprise Products	Oracle EBS Financials Suite (basic knowledge of GL, AP, AR, FA, CM), Sharepoint 2010.
Version Controlling	Team Foundation Server, GitHub

PROFESSIONAL CERTIFICATIONS

- Microsoft Certified Technology Specialist (.Net Framework 4, Web Applications) 70-515
- Accessing Data with Microsoft. Net Framework 4 (70-516) **SR: 7782788**
- Microsoft Certified Technology Specialist (SharePoint 2010, Application Development) 70-573
- Microsoft Certified Technology Specialist (SharePoint 2010, Configuration) 70-667
- MCP (Developing and Implementing Windows-Based Applications with MS Visual Studio .NET) 70-306
- MCP (Designing and implementing Desktop applications with Microsoft Visual Basic 6.0)
- Brainbench Certified Professional In C# (Transcript ID # 3029165)

TRAININGS

- Oracle E-Business Suite (Oracle University)
 - R12 Essentials for Implementers
 - R12 Receivables Management Fundamentals
 - R12 Asset Management Fundamentals
- Machine Learning Masters and Deployment (iNeuron, Bangalore)
 - Data Science Architecture
 - Stats for Data Science
- PMP certification training on PMBOK 5th Edition (PMI, Karachi Chapter)
- QlikView: An in-memory Business Intelligence tool for creating dashboards.
- Web Development course (“ApnaSoft” the team of www.ApnaKarachi.com)
- 1-Year Diploma in I.T. (Genetic Computer School, Singapore).
- Soft skills training includes:
 - Leadership Development Program
 - Finance for Non-Finance Managers
 - Time and Stress Management

ACADEMIC QUALIFICATION

Masters in Computer Science
(Karachi Institute of Eco. & Technology)

2008

COMMUNICATION SKILLS & REFERENCES

- Possess good communication skills and capable of working independently and in a team with enthusiasm.
- References will be furnished as per requirement.