Objective

To work in a dynamic and challenging professional environment, where I can practice and enhance my analytical, interpersonal, leadership, and management skills through smart work and continuous learning for organizational growth and self-development.

Skills

Programming:

- Java
- C#
- C/C++
- Visual Basic

Application Servers:

- Oracle Web Logic
- Apache Tomcat
- WildFly
- IIS

Server Side:

- J2EE
  - EJBs
  - JSP
  - Servlets
  - Spring Framework
  - JPA
    - Hibernate
    - Eclipse Link
- PHP
- RESTFul
- .Net
  - ASP.NET
  - ASP.NET MVC
  - Forms
- Web Services

RDBMS:

- IBM DB2
- SQL Server
- MS Access
- MySQL
- Oracle 11g

Design and Modeling:

- UML / Software Design Patterns
- Mockups
- Microsoft Office
- MS Visio
- Dream weaver

Web Development:

- HTML
- jQuery
- JSON
- RESTFul
- JavaScript
- XML
- Web Services
- CSS

Reporting

- Crystal Report

IDE:

- Eclipse
- Visual Studio / Visual Studio.Net
- Borland JBuilder
- Net beans

Code Versioning:
- SVN
- Git
- CVS
- VSS

Unit Testing:
- JUnit
- NUnit

Other Technologies/APIs:

J2EE, J2SE, JDBC, .NET, MFC, SQL, Assembly Language, Socket Programming, JADE, Multithreading, Visual Basic, Issue View, Aspose Word API(Java), Java NIO, Jackson API, MPI, Open MP

Other Skills
- Avid technology follower and reader
- Fluent in English Language reading, writing and listening.
- Good team spirit.
- Result oriented with Can Do Attitude.
- Good presentation and communication skills.
- Interested in hacking/cracking applications for improving security.

Experience

VeriPark (Sept 2015 – Present)

I am working as senior .NET developer in VeriPark Bahrain Office. My responsibilities include analysis, design, development and testing of multi-channel loan origination system which include working on different layers of application. I am primarily developing for system integration/business development and on different modules including Accounts, Beneficiary, Cards, Customer, Funds Transfer, Loan and User Management.

Tools & Technologies: IIS, MS SQL, WCF, Web Services, XML, JSON, Visual Studio.Net, SQL Server Management Studio, SQL, TFS, Notepad++, Beyond Compare.

MFSYS (May 2014 – Sept 2015)

FMFSYS transitioned to MFSYS as Pvt. Ltd Company. I resumed my career at MFSYS as Senior Software Engineer in Core Banking Team. Enhanced Centralization project compatibility with DB2 and MySQL and made changes in project to enable smooth configurable deployment both on WebLogic and WildFly Server without making any changes in code. I made several improvements in Centralization project with successful implementation of Load Balancing and High Availability using WebLogic Clustering and MySQL Fabric Replication.

In parallel, I am working on the development of e-Banking development of CM&B project for FMFB-Tajikistan. Features include User Management, Account Statement, Transaction History, Inter Bank Funds Transfer, Other Bank Funds Transfer and Swift Transactions.

Tools & Technologies: Oracle Web Logic, WildFly, IBM DB2 Express, MySQL, Crystal Reports, J2EE, EJB 3.1, EJB 2.x, JPA, Eclipse Link, Java NIO, JSF, Prime Faces, HTML, CSS, JDBC, SQL, Jackson API, JSON, Eclipse, Borland JBuilder, SQLYog, WinCVS, Tortoise SVN, Notepad++, Beyond Compare, CentOS.

FMFSYS – AKAM (September 2012 – April 2014)

I am working as software engineer in Development Team (FMFSYS-Islamabad). My responsibilities include development of core microfinance and banking application (CM&B) which includes working on different module i.e. Customer Relation Management, Deposit, Term Deposit, Loan, Transactions etc. I am responsible

for different tasks which include design and development of solutions conforming to the business requirements, interface with product management team members to gain requirements and design clarity based on the business requirements, bug fixing, provide technical assistance to users support team and writing technical documentation. Currently I am working as dedicated resource on Centralization of CM&B application which includes migration of application technology from EJB 2.0 to EJB 3.1, Inter-Branch transactions using data transfer over network, Web based interface design, Business rewriting, Performance tuning etc.

Tools & Technologies: Oracle Web Logic, IBM DB2 Express, Crystal Reports, J2EE, EJB 3.1, EJB 2.x, JPA, Eclipse Link, Java NIO, JDBC, SQL, Jackson API, JSON, Eclipse, Borland JBuilder, SQLYog, WinCVS, Tortoise SVN, Notepad++, Beyond Compare, CentOS.

Banckle (October 2011 – July 2012)

I was designated as Web Developer in Banckle Web Development & RnD Team. I worked on Banckle Web, Banckle Admin and Banckle Payments Modules. Primarily I was focusing on Payments Module which includes development of features for products, plan schemes, promotions, purchases, account subscription, affiliate tracking and transaction management. I successfully integrated National Australian Bank with Banckle Payments System and worked on integration of Dynabic Billing with Payments Solution. I worked on full technology stack, developed APIs for data access, business logic and UI; maintaining CMS solution "Magnolia" for Banckle Web, deployment and maintenance.

Tools & Technologies: J2EE, EJB 3.0, JPA, Spring Framework, Hibernate, Restlet, Freemarker, ActiveMQ, jQuery, Ajax, JavaScript, HTML, CSS, XML, RPC, JUnit, Log4J, OpenID, SQL, My-SQL, Eclipse and SVN, Linux.

Interactive Group (August 2010-October 2011)

I was designated as software engineer in Backend/Server Side Team. I worked on multiple modules and my responsibilities include writing and testing APIs for data access and business logic. I also designed report templates and wrote APIs for binding them.

Tools & Technologies: J2EE, EJB 3.0, JPA, Hibernate, JDBC, Aspose Word API, JUNIT, LOG4J, SQL, PL-SQL, Oracle, Eclipse and VSS.

Bentley Systems (March-August 2009)

I was designated as Software Engineer (Intern) in IModel Toolkit Team. My work includes creating application on top of the EC Framework, using technologies focused around Microsoft .NET. This includes usual and advanced debugging of software and developing new features. I developed add-in for Bentley's Product "Micro-station" using Visual C++, Visual Studio.NET, C# and NUnit.

ZTE (Jan-March 2009)

I worked as Software Engineer (Intern) on ZTE Job Portal Project, where I developed using ASP.NET, jQuery, JavaScript, HTML and MS SQL. I was responsible for back-end development which includes writing APIs for data access, business logic and working on presentation layer. I also worked with crystal reports for generate reports.

The First Microfinance Bank (Jun-August 2008)

I was designated as Software Engineer (Intern) in "The First Microfinance Bank". The task was development of Attendance Management System. AMS is in use in many branches. I developed this application using JSP, jQuery, JavaScript, HTML, JDBC, Netbeans, Apache Tomcat and IBM DB2.

Experience at University

- I worked as part of **FAST Web Team**.
- I developed an Advisory System for **FAST Faculty**.

- I had been teaching assistant for courses **ITC** and **CP**. All teaching assistant appointments required hand-on labs 3hour/week in a 16 week semester.

Education

- Bachelor of Science in Computer Science
  National University FAST Islamabad (August 2006 – June 2010)

- Intermediate of Computer Sciences
  Askari College (August 2004 – March 2006)

Final Year Project

- **"Port Management System"**, Project includes handling of vessels and cargo, making schedules for better utilization of berths and resources. A mobile application was developed for accessing shipping intelligence on mobile.
- **Features:** Model View Controller Architecture, **Scheduling** using **Genetic Algorithms**
- **Tools & Languages:** Visual C++, C#, ASP.NET MVC, MS SQL Server, J2ME, Visual Studio.Net, Net beans, jQuery, Ajax

Semester Projects

- Developed a simulation of reservation of deadline-constrained bulk data requests in Network. (C#)
- Implemented a system for solving a Markov chain. (C#)
- Implemented Parallel Bucket Sort Algorithm in MPI (Visual C++, MPI).
- Implemented Parallel Cholesky Factorization Algorithm in Open MP (Visual C++, OpenMP).
- Developed Multi Agent Torrent Searching application using JADE (Java).
- Implemented a SPARQL Endpoint for running SPARQL queries (JSP, Java, OWL, JENA, and Protege)
- Developed Multi-Agent System for work sharing. (C#)
- Research and implementation of Peer-Peer File Sharing Application (C++, Linux)
- Implementation of Numerical Methods that includes, System of Linear Equation, System of Non-Linear Equation, Numerical Integration, Interpolation, Julia Function and Differential Equation (Visual C++)
- Developed Shop Sale Management System (Oracle, C#)
- Data Structures & Algorithms implementation and simulation (Visual C++, MFC)
- Development of Library Management System. (Visual C++, MFC)
- I developed a complete E-Commerce website for computer sale and service. (HTML, JavaScript, CSS, ASP, Access)

Freelance Work

- I have worked on variety of projects as a freelance which include project like "Shell Inventory Management System".
- I extended the feature of existing Store Solution, updated existing cart with new features like USPS Integration, Google Checkout etc.

Other Projects

- **Add-in** for **MSN Messenger** using "**MSN Messenger API**" in **Visual Basic 6**.
- **MSN Block Checker with Scheduler** using **PHP**, **MySQL and Cron Job**.

Areas of Interest

- High Performance / High Scale / Robust Solution Development
- Rich User Interface Solutions
- Simulations & Parallel Computing

Publication

- **"Route Planning and Optimization of Route Using Simulated Ant Agent System", Journal of Circuits, Systems, and Computers, Vol.20, No.03, May 2011. [ISSN: 1793-6454]**

- **"Optimization of Route Planning Using Simulated Ant Agent System," International Journal of Computer Applications, Vol. 4, No. 8, ISSN: 0975-8887.**

I worked as part time research assistant during last two years of under-graduate. During that period, I implemented different algorithms, developed simulations and concluded results. I have also co-authored the above mentioned publications.

Presentation

I have given many presentations during my academic/professional career. The presentation areas include "Technical" as well as "General" and "Social" disciplines. I was also part of Marketing Campaign in University.

Extra-curricular

I with team represented NU-Islamabad Campus in "Softec Programming Competition".
I had been part of Batch 2006 cricket team.

Personal Information

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