**SUMMARY:**

* A result oriented professional with 20 years of development experience with a strong proficiency in developing database applications.
* I am familiar with both Agile and traditional software development lifecycles.
* My work experience has allowed me to gain a full and through understanding of databases including Oracle PL/SQL, SYBASE, SQL SERVER, and INFORMIX.I am self-motivated, an effective communicator, and very resourceful. I possess strong organizational and customer relationship skills.
* Through the past 3+ years I deeply involved in developing and maintaining database web applications that gave me hands on working experience in:
* J2EE and OOPs concepts.
* Frameworks like (Struts & Spring).
* Servlets, JSP and JavaScript with a fair knowledge of Angular JS.
* Application server (WebLogic/Tomcat).
* Web Services (SOAP/Rest).
* ORM frame work like Hibernate, iBaits.
* Configuration management tool like CVS, SVN and GIT.
* Build tools like Maven.
* CICD using GitEye and Jenkins.
* Perform code Quality and code coverage using SonarQube scan.
* Knowledge of Unit testing tools like Junit and Mockito.
* Several design patterns (Factory pattern, Singleton and MVC).
* XML, Json, HTML, CSS.
* Databases like (Oracle PL/SQL, Sybase, SqlServer, MySql).

1. Creating Packages, Stored Procedures and Functions.
2. Migrating data using bcp and sqlldr

* Bash Shell Commands for Linux.

**EDUCATION:**

Banha University, Cairo – Egypt. Faculty of Engineering - Mechanical Engineering Major.

September 1991 - May 1995, cumulative grade point average: 74.63% equating to an “A” in U.S.

**TECHNICAL SKILLS:**

* **Databases:** Oracle 11g PL/SQL, SQL Server 2000, SYBASE 15, and Informix SQL.
* **IDE:** Eclipse JEE, IntelliJ IDEA community edition.
* **Programming Languages:** Java, Power Builder, Informix 4GL and VB with a deep experience in OOP, Developer 2000, Delphi 5
* **Web Development :**
* JSP / Servlets
* Web Frameworks like Struts / Spring
* Service Oriented Architecture / Web Services - SOAP / Rest
* Web Technologies like HTML, CSS, and JavaScript and AngularJS.
* Markup Languages like XML and JSON.
* Application Server like Tomcat and WebLogic and Jboss.

**PROFESSIONAL EXPERIENCE:**

**TCS-TATA Consultancy and Services, McLean VA OCT 2016 – Present**

**Senior Developer**

**Freddie Mac – IRCI project**

I’m responsible for LMWS-EDR application which is one of Freddie Mac IRCI projects. This application handles all the default loans of the servicers and identifies the edits in each transaction reported by the servicer to Freddie Mac, then starts to process the data to make the reports available for the end user and the front-end web application. It handles moving files from mainframe and different channels to a local Unix server. Also creates data files and sends them to mainframe. Main functions for this role are:

* Analyze all the customer requirements and design the suitable solution from database point of view.
* Maintain and support the database stored procedures and functions.
* Convert some of the shell programs in the Unix server to a Java programs.
* Design, Code and Test code for Loss Migration Workstation reporting edits and delinquent loans.
* Write the shell program that runs the java program in Unix server.
* Write all the low and high level design document to be reviewed and accepted by the client.
* Write the test cases tester’s guide for the test team.
* Mentor junior developers in the same team.
* Create Jasper Reports at the front-end for the user to consume the data prepared in the back-end.
* Using Jenkins to conduct Maven build, Junit and run the SonarQube scanner to generate SonarQube report for code quality and code test coverage results.

**Tools Used:**

* Programming Languages: Java.
* Database: Sybase 15.0
* Technologies: Spring boot and Spring JDBC template, BeanIo Api to handle the receive files.
* For front end part, use EJB, JSF, JMS, Rest web services, Javascript.
* Application Servers: WebLogic 10.3.6, Apache Tomcat 8
* Scripting/Markup Languages: XML. Json
* Build Tools: **Maven**.
* CICD using Jenkins and GitEye.

**TeraThink Corporation, Reston Virginia Feb 2016 – Aug 2016**

**Java Developer**

**HUD ,Quality Assurance Sub System QASS,**

This project is aiming to convert an old cold fusion application into a new one developed in J2EE to enable the external and internal users to register, update and recall the information on an office profile and issue its UII Registration number. Some of my responsibilities are:

* Migrating data from Sybase DB to Oracle DB
* Converting all the stored procedures in Sybase to stored procedures and functions in Oracle.
* Design, Code and Test UII Registration Module (Internal & External) and Termination/Reactivation module.

**Tools Used:**

* Programming Languages: Java, JavaScript.
* Database: Oracle 11g, Sybase 15.0
* Technologies: J2EE, Struts, Servlets, EJB, JSP, DAO, iBaits, web services (SOAP) and Spring.
* Application Servers: WebLogic 12.1.3, JBoss
* Scripting/Markup Languages: XML, HTML, CSS
* Build Tools: **Ant**.

**Armedia LLC, Vienna VA July 2015 - Dec 2015**

**Java Developer**

Developed web application for Content Management system. Worked on upgrading the front end application forms to use AngularJS.

* Programming Languages: Java.
* Database: Oracle 11g.
* Technologies: J2EE, Spring, JPA, Hibernate, Struts, Servlet and JSP and Angular Js.
* Application Servers: Weblogic 12.1.3.
* Scripting/Markup Languages: XML, HTML, CSS
* Build Tools: Maven.

**Dexter Systems Inc., Reston VA Jan 2015 - June 2015**

**Java developer.**

* Developed web application for HR system using the following technologies:
* J2EE 7, Maven, Spring IOC&MVC, Spring security, JDBC, DAO, Hibernate, JavaScript, application server Tomcat and Version control using subversion.

**Egyptian Postal Services, Egypt Jan. 2005 to Dec. 2013**

**Database Developer (Oracle and SQL Server 2000) /System Support**

* Provided integral support on database design and data modeling decisions.
* Successfully mentored and guided junior staff members.
* Lead the team in quality control reviews for the database design and architecture.
* Developed and maintained various systems for postal end users using Power Builder 6 with Oracle8i / SQL Server 200 / SYBASE.
* Administered data from multiple SQL Server databases.
* Participating in converting the conventional desktop apps into web apps using J2EE 5 the web application technologies used were: servlet, JSP and JSTL and the enterprise technologies used were: EJB and JPA and Common Annotations for the Java Platform .
* I was responsible for creating java classes according the database tables using jpa annotations.

**Fujitsu Services (ICL), Egypt March 2000 to Dec. 2004**

**Application Developer/System Supporter**

* Involved in the development and operational maintenance of mission critical systems.
* Carried out design, construction, review and defect analysis activities.
* Responsible for application design and development and application tuning.
* Defined and generated screen formats and report designs.
* Produced and updated user manuals.
* Worked directly with end users and developed requirements for the application.
* Developed software in accordance with agreed upon design factoring in usability, software quality and future maintenance.
* In 2002 I became Sun Certified Java Programmer. J2SE version 1.4

**Homa Holding Co, Egypt. 1996 to 2000**

**Developer**

* Customized programs according to customer requirements using Power Builder 6 with SYBASE database for a large retailer
* Developed and customized systems such as Personnel and Payroll systems, Stock control, purchases and sales using Informix 4gl with Informix SQL under Unix (SE).