**Tabbassom Ward**

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**OBJECTIVE**

Seeking a challenging and rewarding position in the field of Software Development/Engineering, where I can enhance my skills and contribute to the development of the organization.

**EDUCATION**

**OBJECT-ORIENTED SOFTWARE ENGINEERING (CIS.OSE.CA)** September 2008 – June 2010

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| **WEB SOFTWARE ENGINEERING (CIS.WSE.CA)** September 2012- December 2013  **SOFTWARE ENGINEERING (CIS.SWE.CT)** September 2008- December 2013 | |
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**Oakland Community College**, Auburn Hills, MI

GPA 4.0/4.0

Studies focused in application development (Java, C++, Visual Basic), web design (Dreamweaver CS5), system analysis & design (UML), web system development (JSP), database design (MySQL, Oracle, MS Access), networking concepts ,Integration and Advanced Web Systems such as J2EE, JSF frame work, Extensible Markup Language (XML), Web Services (SOAP, REST) and JMS.

**Chemical Engineering/minor in Food Industries, Bachelor of Science** August 1992 – July 1996

**Azad University**, Tehran, Iran

GPA 3.54/4.0

My Thesis consisted of designing Rotary Dryers for production of Beet Sugar Residues.

**EXPERIENCE**

**Software Developer** September 2012 – Present

**E7 Solutions** 2831 Research Dr. Rochester Hills, MI

As a software/Java developer, I am actively involved in the development of JEE Service Diagnostic Authoring and Release Management Application using spring frame work.

Spring MVC Controller, RESTful web services, are used where AngularJS requests data through HTTP protocol, response returns back in both format JSON/XML and get assigned to AngularJS object. HTML 5 is used for displaying the result to the user.

The application is developed in IntelliJ 14.0 on windows 7, deployed on wildly 8.2.0 server running on LINUX / Nginx. JUNIT is used for usability testing; the data is persisted using MySQL /Maria DB; Hibernate 4.0 framework is used for backend persistence; GitHub/Stash is used for version control/software configuration management and JIRA is used for bug and issue tracking.

As a software/Java developer, I am also involved in the development/maintenance of J2EE based graphical diagnostic database application as well as a service diagnostics authoring and release management under JSF frame work.

The application is developed in IntelliJ 11.0 on windows 7, deployed on JBoss 4/JBoss 7server running on LINUX.

Handler classes (Java Beans/Backing Beans) are used as a front controller gateway into the system and Helper classes are used to limit the business logic in the client layer; EJBs are developed with data access objects (DAO) to talk to the database; XHTML and JSP are used to control the client view; JUNIT is used for usability testing; The data is persisted using MySQL 5; Hibernate framework is used for backend persistence; Subversion is used for version control/software configuration management and JIRA is used for bug and issue tracking.

**Information Analyst** October 1998 – January 2001

**EDS** 700 Tower Dr. Troy, MI

Lead the development of a 9 week project at EDS Technical Development Center in Plano, Texas.

The project produced an Auction House where items, placed for auction, could be tracked and archived. Information regarding each item history, ownership, price, etc were kept in an Oracle database and accessed via JDBC, while the user interface was developed using java Awt and Swing packages. UML modeling with Rational Rose (Rational 98) was used to translate requirements to Use Cases, Class Diagrams, Collaboration Diagrams and finally a database physical Model.

I was elected as the lead for the aforementioned in a group of 10 and a letter of accommodation was also presented to me for the best application developed.

I was also served as a developer on GLOSSAR application, originally developed in C and HTML, enhanced with a multithreaded Java applet to further accommodate the needs of the EDS client GM. This application used threads to accommodate the upload and download of documents from the user’s personal hard disk to the main server, Signed Applets were used to gain permission to the user’s data.

Ad hoc web application development for various EDS clients. Here I am used in many roles, from application development to mentoring other employees and assisting them in their development process.

**Tutoring Java, C++, visual Basic**  March 1998 – October 1998

**Oakland Community College**  Farmington Hills, MI

Assisted students in development of their skills in theses programming languages.

Designed and implemented a data base for handling the scheduling of tutor sessions for students.

**Quality Control Specialist** July 1995 – July 1996

**Kayvon Food Industries** Tehran, Iran

Tasks included performing tests in the quality control laboratory to ensure adherence to company quality standards. Generated analysis reports for products after chemical testing were completed.

**SKILLS**

Computer:

IntelliJ, Eclipse, Net Beans, Adobe Dreamweaver CS5, HTML/XHTML, Data modeling UML, SDLC, Java/J2EE/JSF framework, Spring frame work, Angular JS, Java Beans, JavaScript, JSP, SQL, Subversion, Git Hub, Subversion, Stash, JIRA, UML, MySQL/Maria DB, JBoss/WildFly, Jenkins/Hudson ,DB Visualizer, MS Access, MS Excel, MS Word, Windows Vista/XP/7, MS Outlook.

Exposure to Joomla, Oracle, XML, CSS, AJAX, Visual Basic, C++, Linux, Nginx, JQuery, Bootstrap, Atlassian Crowd, Grunt

**Language:**

English, Persian

**KEY STRENGTH**

Good analytical skills, very organized, creative and proactive, networking skills, goal oriented, self-Starter, Hard Worker.

**CERTIFICATIONS**

Sun Certified Programmer for Java 1.1 (1998)

Certificate of Achievement in OO software Engineering (2010)

Certificate of Achievement in Web Software Engineering (2013)

Software Engineering Certificate (2013)

EDS Certificate of Achievement for Business Foundations (1999)

**AFFILIATIONS**

Phi Theta Kappa

Summa Cum Laude