**Shahrzad Jahangirian (Shaz)**



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Sample coding: http://www.shazsoftware.com/java\_library.php

Australian Citizen

**Education**

* **Bachelor Degree of Computer Science**

**Major in Software Engineering**

* **La Trobe University** Bundoora Campus, Melbourne, VIC, Australia (2nd& 3rd year)

**1999 - Jan2003**

* **Edith Cowan University**, Mount Lawley Campus, Perth, WA, Australia (1st year)

**Certificates**

* **Sun Certified Programmer for Java 2 Platform 1.4**

Sun Microsystems

2004

* **Certificate III in Accounting**

ICS Learning International Corresponding Schools

1999

**Technical Skills**

**Programming Languages**

* Java 6/7/8 including JavaServer Faces (JSF), Abstract Window Toolkit (AWT), Swing, JavaFX, J2EE (Java EE), JavaServer Pages (JSP), Servlet, Enterprise Java Beans (EJB)
* C++
* Visual Basic
* C
* Basic
* PHP
* Assembly
* Cobol
* ADA
* eXtensible Markup Language (XML)
* Cascading Style Sheets (CSS)
* JavaScript
* HTML
* Scheme
* Pascal

**Relational Database Management System (RDBMS)**

* Oracle
* PostgreSQL
* MS SQL Server
* MYSQL

**Software Development Life Cycle Models and Methodologies (SDLC)**

* Waterfall Model
* Prototyping Model
* Spiral Method (SDM)
* Iterative and Incremental Method
* Agile development including Rapid Application Development (RAD), Test Driven Development (TDD) with Junit, Behavior-driven development (BDD)

**Architecture Patterns**

* Layered (n-tier) architecture
* Microservices
* Model View Controller (MVC)
* Entity Relationship model (ER)

**IDE and Integration Software**

* Eclipse
* NetBeans
* Borland JBuilder
* IBM Websphere
* Borland Builder C++
* Dreamweaver
* Android Studio
* Intellij IDEA
* Spring Tool Suite (STS)

**Frameworks**

* Tomcat
* Spring

**Build and Installation Software**

* Launch4j
* Inno Setup

**Adobe Graphic Design Software**

* PhotoShop
* InDesign
* Illustrator
* Flash
* Fireworks

**Operating Systems**

* Windows NT/95/98/2000/Vista/XP/Me/7/8/10
* Linux
* Unix

**Skills**

* Advanced object oriented and procedural software analysis, design, and development.
* Advanced Java programming skills and extensive Java application development in three layers with database management system such as Oracle and MySQL. Java experience including JDBC, Enterprise Java Beans (EJB), Java Foundation Classes (JFC) that consists of the Abstract Window Toolkit (AWT), Swing Graphical User Interface and Java 2D.
* Above Intermediate J2EE or Java EE or Jakarta EE Web based enterprise application development experience with Model–View–Controller (MVC) architectural pattern including JavaServer Pages (JSP), Servlet, JavaBeans, Tomcat Server, Spring and Struts Frameworks.
* Advanced C++ application development skills in three layers with database and object oriented software analysis, design, and development using Borland Builder C++ for GUI and Standard C++ for Problem Domain.
* Advanced Data Modeling and Database Analysis, Design and Development (Entity Relationship (ER) diagram, Stored Procedure, Trigger).
* I have excellent and advanced skills to read requirement and specification and identify its tables and attributes to reach into its physical database design into three to five normal forms to remove duplicated data, eliminating redundancy and inconsistent dependency.
* Highly proficient in Web design and development using PHP, HTML, CSS, XML, MySQL and understanding of the latest web standards and technologies.
* I am a skilled Software Developer in DevOps and Agile Environment.
* Intermediate to Advanced programming skills in C, Visual Basic, Cobol, ADA, PHP, Html, Scheme, Pascal and Assembly languages.
* Extensive knowledge of Data Structures and Algorithms.
* High level understanding and skills to apply Unified Modeling Language (UML) diagramming, including use cases, class diagrams and other UML artifacts to design software application using tools like Rational Rose.

**Strengths**

* Strong Analytical abilities
* Logical thinking
* Intelligent
* Problem Solving Skills
* Teamwork
* Communication
* Adaptable and Flexible
* Strong work ethic
* Quick learner
* Honesty and Integrity
* Listening
* Creativity

**Employment History**

1. **Java Developer**

May 21, 2018 – Jun 29, 2018

Australian Taxation Office (ATO), 747 Collins St, Docklands VIC 3008

* Java
* SQL
* Agile (Standups, Planning, Showcases, Meetings, Ceremonies. Scrum, Sprint)

1. **Graphic & Web Designer**

Nov 2013

Webcruzer Australia, 78 Merola Way, Campbellfield VIC 3061

* Web Design & Development
* Graphic Design
* Adobe PhotoShop
* Adobe Illustrator
* Adobe Dreamweaver

1. **Java Developer**

Apr – Jul 2007

Parklane Information Technology, 363 Camberwell Road, Camberwell VIC 3124

* Java, J2EE ( I designed and developed a Web based application using Java, J2EE and Oracle SQL with MVC architecture)
* Oracle (I identified Tables and Attributes in project specification, designed ER diagram and developed the Physical Database in Oracle SQL)
* XML (design and develop Report)

**4) J2EE Developer**

Mar – Jun 2003

Spotlight Store, 100 Market Street, South Melbourne VIC 3205

* Java, J2EE ( I designed and developed a Web based application using Java, J2EE and MS SQL Server with MVC architecture)
* Tomcat
* MS SQL Server 2000

**Current**

* Currently I am looking for employment as a Software Developer.
* Developing Software Application to keep myself up to date with new technologies.
* Freelance Software Applications design and development.
* I have updated Shaz Invoice Software with many new features and named it as Shaz Invoice Software 2020 and listed in my eBay Store for sale at https://www.ebay.com.au/str/shaz2208/Software/\_i.html?\_storecat=27520257018
* Freelance Graphic Design Services.

**Projects**

* **Shaz Invoice Software 2020**

2017 - 2020

A desktop and laptop Invoice Software application in Java that I have designed and developed its first version on 2007. In 2017 I have decided to update this application with more functionality in my spare time. Now it is for sale in my website and my eBay store. https://www.shazsoftware.com/shazinvoice2020/index.html

* **Shaz Cash Receipt** 2016

A Receipt Application to produce printed Receipts. I have designed and developed this application with Java and Swing.

* **International Clock**

Jun 2012 – Dec 2012

A Java and Swing Clock application that I have designed and developed to show six different Timezone simultaneously.

* **eBay API**

Jan 2011 - Jun 2011

An Application to fetch request from eBay Partner Network API that I have developed it with Java and Swing.

* **Lottery Application**

Jan 2010

A Java and Swing application that I have designed and developed to produce Lottery Numbers for many Australia's Official Lotteries.

* **Web Browser**

Mar 2010 – Apr 2010

A Web Browser that I have designed and developed with Java and Swing.

* **AWS Application**

Jul 2009 – Aug 2009

An Amazon Web Services (AWS) application to retrieve Amazon Products to be displayed on Website pages that I developed with Java and Swing.

* **Contact Manager**

Nov 2007 – Sep 2008

An application to store, track and manage contact details. I have designed and developed it with Java, Swing and Java DB (open source Apache Derby database).

* **Shaz Invoice Software**

May 2007 – Aug 2007

An application to create Invoices with 20 different Invoice Layouts. I have designed and

developed it with Java and Swing.

* **Shaz Password Manager**

Jul 2006 – Sep 2006

A Java and Swing application that I have designed and developed to store and manage login and passwords saved in a file.

* **Medical Center Manager**

Feb 2004 – May 200

An appointments, diagnosis tracking and patient treatment management software that I

have designed and developed with Java and Swing.

* **Students Organizer**

Aug 2003 – Dec 2003

An organizer management software for university and college students for their

appointments, assignments, timetables, calendars. I have designed and developed this

application with Borland Builder C++, Standard C++, and Paradox database.

* **Sales and Order System**

May 2003 – Aug 2003

A huge Sales and Order System that I have designed and developed using Borland

Builder C++, Standard C++, and MySQL database.

* **Travel Agency Booking**

Mar 2003 – May 2003

A Borland Builder C++, Standard C++, and MySQL database application that I have designed and developed for Travel agency booking system for accommodation.

* **Third Year University Project**

Feb 2002 – Nov 2002

La Trobe University Third Year Project

“Imprint Classification and Matching System” for Victorian Forensic Science Center

I did my part in group of six final year students to design and develop this desktop

application with Borland Builder C++, Standard C++, and Oracle database.

**Websites**

* www.shazsoftware.com
* www.logodesignoffer.com