

Richard DiMuzio

Software

5370 SW Spruce Ave
Beaverton, OR 97005
971- 998-4566
rwdimuzio@gmail.com

Select Projects

2013-2020

[management] Presales support, analyst, project management. architect.

[ionic, angular, GPS, Sockets] Converted a complex(30+ Screen) Android/Bluetooth phone application from Java/Bluetooth to multiplatform TypeScript/TCP using Ionic.

[ionic, angular, HTML canvas] Cross platform phone app that used sockets to remotely configure and control a cutting edge speaker system

[angular] Housing rental management portal system that provided interfaces for Renters, Property Managers and Admins.

[ionic, angular, GPS, iBeacon] Museum experience enhancement phone app for end users and web portal for museum admins.

[HTML, PHP, Bootstrap, JQuery, chart.js] Web application to help small businesses evaluate pay equity tokenized user form access and management risk summary and compliance reports

[python, HTML,IOT] Hardware Battery management system with cloud and hardware interfaces

[C#, DevXpress, EntityFramework, SqlServer] Plant design tool for Chemical engineers

[QT, C++, C#, HTML] 360 degree image capture device was adapted to use local web server to expose local data layer to intranet

[Android Java] UPS Style product delivery system with signature recording, integrated maps and instant reorder features

[Firmware, c++, HTML, Python,IOT] Jello Shot preparation machine for bars

[PLC, HTML,IOT] SUV sized bread oven and retail self serve kiosk

[Android Java, Bluetooth, CAN, J1939,OSMAND] Dashboard replacement for LNG/LPG vehicles, real time graphs, offline maps for fuel sources

[PLC, C#, SqlServer] Truck Scale payload image recording system with integrated stoplight control

[Delphi] Pacemaker cable machine - variable pitch winding control and configuration

[HTML, PHP] Firearm tracking SAAS web application for Police Armories

2011-2013

Apple box stacking robot system, semiconductor cleaning wetbench,

PERSONALITY

Self motivated
Goal oriented
Team Player

SKILLS

Programmer
Architect
DBA
Project Manager

AWARDS

**2016 Small Business
Innovation Award @ STG** for
the work on F+BI's Jevo
project.

**Recognized for Service
Excellence - @Westaff**

**Performance Bonus
@Westaff, Zacson**

HOBBIES

Maker - Small Electronic
design, 3d printing, Music,
Puzzles, Game Development

chemical etch bath UI, airbag camera inspector+PLC control mechanics, rock crushing quarry, portable gold screeder, school management system, computer generated coach for violin practice.

History

Duration * Company * Title

2013-2020 * Software Technology Group, Beaverton OR * Senior Software Engineer

2012-2013 * Automation Solutions, Beaverton OR * Software Engineer

2002-2012 * Consultant CA, OR * Self Employed

1996-1997, 1999-2002 * Westaff(Long term contract), Walnut Creek CA * Programmer

1997-1998 * Ross Stores(Long term contract), Fremont CA * Senior Programmer

1995-1997 * Zacson, Pleasanton CA * Senior Application Programmer

1991-1995 * San Francisco Reservations, San Francisco CA * MIS Director

Competence in the following technologies

Languages: Java, C, C++, C#, Visual Basic, Python, Flask, COBOL, Assembler(AVR, 6502), Informix 4GL, Shell Script, QT, XCode

Database: SqlServer, Oracle, MySql/Maria, Sqlite, MS Access, Informix, SQL, PL/SQL, Triggers, Query Optimization

Web Development: Ionic, Angular, HTML, CSS, Javascript, JQuery, chart.js, Ajax, PHP, Wordpress, Joomla, Oscommerce

Industrial Automation: Kuka Robots. Allen Bradley, Mitsubishi, Wago PLC, Digi Rabbit Board, Raspberry PI, Red Lion Controls, Xbee, Codesys, Crimson 2, Crimson 3, GX Works, GX Developer, Ladder Logic, Structured Text (ST), Sequential Function Chart (SFC), Function Block Diagram (FBD), Datalogic's PPT Vision UI. TCP, UDP, Modbus, SPI, I2C, Arduino, Custom firmware

EDUCATION & Training

Associate's Degree, Management Information Science, Canada College, Redwood City, CA

Advanced PeopleSoft Training, PeopleSoft, Pleasanton(Tools I, Tools II, PeopleCode, Introduction to HR, and Introduction to Benefits)

Oracle Training, Oracle Training Center, San Francisco, CA
•(Introduction to Oracle SQL and PL/SQL, Enterprise DBA Part 1A, 1B)

Kuka Robotics, Kuka College, Detroit MI • (Beginning Robot Programming, Advanced Robot Programming)

