

Ireneusz Robert Owskiak

Phone: +84 883 279 496

Email: erik@owskiak.name

Professional Summary:

Developer with extensive experience in computer technologies, strong technical, managerial and business competencies; exposed to wide spectrum of projects from highly scientific research to business applications. Seasoned, dependable, productive, quality oriented, self-starter, team player; ready for new professional and technical challenges.

Technical Skills Summary:

Programming: C#, C/C++, PHP, Python, JavaScript, Lua

Database: SQLite, MySQL, SQL Server

Technologies: REST, ASP.Net, XML, HTML5, CSS, IIS, Apache, WPF, jQuery

Operating Systems: Linux, Windows

IoT Platforms: Raspberry PI, Arduion, BeagleBone, NODEMCU(ESP8266), Particle Photon

Work History:

01/2015 - 01/2016 Solwit / Intel Poland (Gdansk)

Title: (Contract) Sr. Software Engineer

-- Designed & implemented software/hardware to test newest Intel 4K encoding & streaming hardware with BIOS behavior during system boot time.

-- C#, python, Raspberry PI, HTML5, JavaScript, jQuery

08/2014 - 11/2014 PKO TFI (Warsaw)

Title: (Contract) Sr. Software Engineer

-- Re-architecture and bug fixes to an internal product called *Investment Performance Contribution & Attribution*.

-- C#, SQL Server, WPF, WCF, Entity Framework

05/2013 - 11/2013 Thomson Reuters Poland (Gdynia)

Title: (Contract) Sr. Software Engineer

-- Re-engineering of a internal Reuters' product used in data collection and aggregation.

-- C#, SQL Server 2008R2, ASP.NET, JavaScript

01/2011 - 01/2013 Onity Inc. (United Technologies Company)

Title: (Consultant) Architect / Lead / Sr. Software Engineer

-- Reverse engineered existing system (HT22) from source code & by observing communication protocol on RS323. Ported existing client application from Turbo Pascal to C#/WPF.

(<http://en.onity.com/products/Pages/HT22.aspx>)

-- Analyzed and unified existing systems into a single system with future ability of system expansion by using plug-in architecture.

-- Proposed automated client data collection from paper based to dynamic PDF forms; data was to be automatically imported into the system resulting in doubling of system build department's productivity.
-- C#, .NET 4.0, C/C++, SQL Server 2008R2, XML, WPF, IIS 7, REST
-- Lead group of about 4-6 people from USA to India.

02/2010 - 01/2011 Georgia State University - Digital Services

Title: (Contract) Architect / Lead / Sr. Software Engineer
-- Multiple project for GSU digital library
-- PHP, MySQL, Apache, HTML, REST, AJAX, jQuery
-- Lead group of 5-10 students on various university projects.

02/2008 - 1/2010 Internap Inc., Atlanta GA

Title: (Contract) Architect / Sr. Software Engineer
-- Designed & build health monitor subsystem for www.playstream.com
-- State of the monitor is exposed over REST.
-- System monitors health status of all the streaming servers in the network. That information is then published to various components which then adapt their request/response behavior according to mapped rules.
-- Database & application data layer upgrades (database operations exposed over SOAP). Upgrades to web pages & JavaScript code.
-- Streaming services integration (Helix DNA™ Server, Windows Media Services)
-- C#/COM/C++, JavaScript, TSQL, MSWM Services API, ASP.NET, REST, CSS, AJAX, PHP, YouTube, Facebook, MySpace & Twitter

09/2006 - 02/2008 RelayHealth, Atlanta, GA

Title: (Contract) Sr. Software Engineer
-- Designed & developed database for IntegrateRx + API - Medication History (MHH) for hospitals
-- Encryption for eScript in accordance with HIPAA regulations
-- Improvements to eScript parser in accordance with SureScripts & NCPDP
-- C# 2.0, C/C++, MySQL, REST

01/2005 - 07/2006 S-Cubed/CDC Inc., Montville, NJ

Title: (Contract) Architect / Lead / Sr. Software Engineer
-- Hardware integration through the use of software.
-- Extended embedded robot operating system.
-- Created shape recognition system with hardware feedback.
-- C# 1.1, VB6, C/C++, SQLite, Win API, PHP

02/2003 - 01/2005 RVM Inc. NY, NY

Title: (Contract) Architect / Lead / Sr. Software Engineer
-- Developed electronic data processing system (EDP) used in litigation support. System indexes documents based on keywords, phrases and statistical relevance to the case in question; reduces litigation costs & expedites the process. Highly distributed system; reduced data processing

from weeks to days.

- Supervised other programmers during development phase of the system
- Automated imaging (to .TIFF, .PDF) of many document formats including images and x-ray film
- System employed OCR thus was able to extract text in those images and make them searchable.
- C# 1.1, SQL Server 2K, JavaScript, ASP.NET/ASP 3.0, PHP, D/HTML

09/2000 - 01/2003 Bowne Digital Solutions, Inc. NY, NY

Title: (FT) Programmer / Analyst

- Developed UI for web based document management system DocumentOnDemand & reporting subsystem of the application.
- C/C++, VB6, SQL Server 7/2000, Oracle 8i, D/HTML, JavaScript

10/1997 - 07/2000 Specialized Programs, Inc. Farmingdale, NY

Title: (FT) Tech Lead / Programmer

- Developed/installed pharmacy script fulfillment systems.
- CCI DOS, Win NT, C, VB5/6, SQL Server 6.5/7

03/1993 - 09/1997 Cottam Air, Bronx NY

Title: (FT) Lead / Programmer / Electronics Tech

- Developed/installed embedded systems (hardware/software).
- BASIC-52, C, 8052

Education:

08/2010 - 12/2014 Georgia State University at Atlanta

- M.S. in Bioinformatics

09/98 - 05/00 CUNY Baccalaureate Program - C.U.N.Y

- B.S. in Computer Software Technology - GPA: 3.68/4.00

09/96 - 05/98 New York City College of Technology - C.U.N.Y

- A.A.S. in Electromechanical Engineering Technology - GPA: 3.76/4.00

09/93 - 06/94 LaGuardia Community College - C.U.N.Y

Certificate in Electronic Controls and Embedded Controller Programming

Internships:

06/1998 - 08/1998 Brookhaven National Laboratories, Brookhaven, NY

Title: Research Assistant

- Assisted number of scientists with particle accelerator research at Alternating Gradient Synchrotron (AGS)
- Worked on mathematical/software modeling of proton on proton collisions at ~30GeV energy levels.
- Collision detector hardware tuning & maintenance.

* Note: This internship was awarded by The Department Of Energy for excellence in the studies of physics & mathematics.

Certificates:

Business Objects SA - Atlanta, GA

-- 12/05 - CR XI: Report Design I - Fundamentals of Report Design

Documentum Inc - Pleasanton, CA

-- 03/02 - Technical Fundamentals for Documentum 4i

Learning Tree International - New York, NY

-- 12/00 - Visual Basic and COM+ for Enterprise Applications: Hands On

-- 05/01 - Building XML Applications: Hands On

RSES - Queens, NY

-- 09/93 - RSES Refrigerant Usage Certification / Universal

I agree to process my personal data for the purposes of the recruitment (in accordance to the Act on 29.08.97 for the Protection of Personal Data Protection Acts. Laws of 2002 , No. 101, item. 926, as amended.