

Mariusz Janusz Galus

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OBJECTIVE

Full stack software engineer with platform infrastructure and automated deployment experience looking to obtain a position in software program development.

SKILLS

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| Languages | Java·Javascript·Ruby·C·C++·Bash·TCSH·Powershell·Python·HTML5·CSS3·XML·JSON·BPMS·tcl·awk·sed·VerilogHDL |
| Platforms | RHEL·CentOS·Linux·Unix·Windows·VMWare·VirtualBox·Cygwin·Rasbian·Debian·KDE·Gnome |
| Frameworks | JavaEE·EJB·JTA·JPA·CDI·Maven·Spring·Hibernate·Drools·Kie·Jira·Confluence·Stash·git·ClearCase BitBucket·Bamboo·Jenkins·RedMine·SAFeScrumXP·Eclipse·Intellij·.NET· MonoDevelop·VisualStudio·NetBeans·MVC/MVW·Expressjs·Angularjs·DataTables·jQuery·Reactjs |
| Databases | SQL·Postgresql·NoSQL·MongoDB·Mongoosejs |
| Servers | Jetty·JBoss·Wildfly·Nodejs·Tomahawk·Glassfish |
| Networking | TCP/IP·UDP·SSH·ftp·Wireshark·nmap·scp·winscp·xming |
| Architecture | x86·68k·MIPS·PicoBlaze |
| Communications | SOAP·ReST·JMS·RS-232·SPI·PS/2·802.11·OFDM·I2C·RFC4627/ECMA-404·Ethernet·USB |
| Graphics | tk·Gtk·Gtk#·yEd·Maya·Blender·Photoshop·Sony Vegas·Illustrator·Flash |
| Audio | Propellerhead Reason·Ableton Live·Audacity |
| FPGA Design | Spartan·Vertex·Xilinx ISE·PicoBlaze ISA |
| EDA IC Design | CMOS·VLS IC Design·Cadence Virutoso·Synopsys Explorer·Logisim·Electric·LTspice·hspice·ISim |
| Software | OillyDbg·GDB·IDA Pro·Microsoft Office (Word/Excel/Powerpoint/Access) |
| Other | TS/SCI·English·Polish·Spanish·Chinese·Patois·Calligraphy |

EMPLOYMENT HISTORY

• Raytheon IIS/Garland, TX Jun 2014 – Present - Full-Time

Worked on multiple programs to provide software development, integration, and maintenance solutions. Provided:

- Automated deployments & Configuration Management via CHEF
- Continuous integration and testing via Maven, Bamboo, & Jenkins
- Data persistence via Java Persistence API (JPA), Hibernate, Postgresql & MongoDB
- UI/UX via Angularjs, HTML5 & CSS3
- Web technology based solutions via WebServices, JRS, JWS, RestEasy, Jackson & Jersey

Helped build the foundation for a newly started program that will be used by future end-users and added on by engineers.

- Co-lead the initial installation, configuration and deployment of a business rules engine and framework.
- Created software configuration baselines for entire program's systems and its automated deployments.

Received a Team Achievement Award, an Individual Achievement Award, and 4 Spot Awards in recognition of my commitment.

• Raytheon/Tampa, FL Aug 2013 – Dec 2013 - Internship

WALDO (Wireless Application in Locating Dangers through Obstacles)

Developed a Wi-Fi radio positioning system using C, C#, Python, RaspberryPi, Excel, and off-the-shelf hardware in a multi-disciplinary project provided and supervised by Raytheon in USF's capstone design (senior project) course capable of detecting movement and position within a room following Agile Scrum & Waterfall software development methodologies. WALDO ranked 2nd place in USF's department of electrical engineering's annual poster competition.

• 64Labs/Tampa, FL May 2013 – July 2013 - Freelance

ClipGet (Data Mining, Data Persistence, & Automation Solution)

Developed both front and back-end using HTTP, JSON, Javascript, Nodejs, MongoDB, Mongoosejs, HTML5, CSS3, and AppFog PaaS for a data mining solution which scrapes LinkedIn user and company profile data and automatically fills HTML forms within the Insightly small business CRM (Customer Relationship Management) tool via a custom built web overlay interface, increasing overall productivity of management.

• B & M Flooring Inc./Clearwater, FL Dec 2007 – Jan 2008 - Volunteer

Web Developer/Installation Technician

ADDITIONAL EXPERIENCE

• Database Design/Tampa, FL Sep 2012 – Nov 2012 – Academic Project

tfrmBot (turntable.fm Bot)

Developed both front and back-end using HTTP, JSON, Javascript, Nodejs, MongoDB, Mongoosejs, HTML5, CSS3, and AppFog PaaS in a Turntable.fm smart bot which takes advantage of a highly scalable database for storing user and song statistics as well as administrative configuration settings for USF's Database Design final project. The bot provides management, statistics, 3rd party communication, and fun features by moderating Turntable.fm rooms, playing music, and interacting with other users in-room with trivia, conditional statements, and out-room via social-media (Twitter).

- **WCSC/Tampa, FL Aug 2011 – Present – Security Organization** **Whitehatters Computer Security Club www.whitehatters.org**
Participated in multiple CTF (Capture the Flag) cyber-security competitions as well as sponsored local CTF's, weekly-presentations, workshops, challenges, and other events for novice members. WCSC has ranked both nationally and internationally in big name CTF's such as DEFCON, CSAW, and more.
 - **YES SECME/Clearwater, FL (Certificate) Sep 2002 - Apr 2003 – STEM Program** **FIRST® Robotics League Competition**
Participated in the Youth Engineering Society, a pre-college STEM program sponsored by SECME (Southeastern Consortium of Minorities in Engineering) which provided the opportunity to design, build, and compete alongside a team in the FIRST® national robotics competition.
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EDUCATION

- **University of South Florida/Tampa, FL 2008-2013**
BSc Computer Engineering, BSc Computer Science
GPA 3.41

AFFILIATIONS

- IEEE Florida West Coast Chapter (mg@ieee.org)
 - Whitehatters Computer Security Club (www.whitehatters.org)
 - Phi Eta Sigma-Mortar Board-NSLS-NSHSS
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CERTIFICATES

- OpsCode - Chef Certificate of Awesome (Chef Fundamentals Workshop)
- Scaled Agile Academy - SAFe ScrumXP Certified
- YES SECME – Certificate of Completion

AWARDS

- Raytheon Team Achievement Award - "In recognition of my ongoing commitment to outstanding job performance."
- Raytheon Individual Achievement Award - "Developed automated software deployments filling a critical need on the program."
- Raytheon Spot Award – "Took fantastic initiative to ensure that Sprint 1 tasks were finished on time."
- Raytheon Spot Award – "For staying late to accommodate a last-minute metric report need."
- Raytheon Spot Award – "For taking the time and energy to teach me."
- Raytheon Spot Award – "Support for Ozone deployment and configuration greatly added to the success of the Integration effort with Layer 7."
- Golden Rule Award