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SEAN P. CALLAHAN

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EMPLOYMENT

Applications Developer   **AT&T**   **June 2008 - Present**

Lead Polyglot Developer - UX + Data - Ruby on Rails Web Apps (May 2011 - Present)
- Tasked with creating multi-screen, data-intensive dashboards for the project and executive teams.
- Created several Ruby-driven (mostly Rails server, some Sinatra) full-featured web applications.
- Created immersive front-end UX's via js, css3, html5 and back-end solutions driven by ruby + sql.
- Designed the front-end screen-by-screen application flow, from colors to directions and tasks.
- Provide company-wide trainings for the executive "Mobile-first" directive.
- I give monthly trainings in Ruby, CSS, angularJS - I have high positive feedback in these sessions.
- Project Team's SME in these technologies: git, ruby, rails, css3, html5, js, angular, Node

Developer - Web Apps (February 2011 - May 2011)
- Needed to depict data to thousands of end users.
- Created several JBOSS webapps, writing Java servlets and JSP's to host reports and other CRUD actions.
- Lead a team of on and off-shore contractors to clear up inconsistincies up/down stream with data and logic using Perl/Ksh mostly.

Developer - Prod. Support *(December 2010 – Present)*
- Needed to clear up sporatic issues in the wholesale ordering system.
- Developed bash scripts with SQL to ping the right sources and collate troubled circuits.
- Report back to the users with instructions to eliminate future instances by 95%.
- Many similar scenarios and responses lead to my 2nd Key Contributor Award in a row, placing in the 25th percentile in 2012 and 2013.

Developer - Coldfusion *(September 2009 – December 2010)*
- The CEO had a yearly set of goals: " #7. We need to track the network in one tool."
- Completed requirements for the most complex modules.
- Coded several front-end and back-end interfaces and modules using ColdFusion, SQL and SSIS.
- Helped teammates finish theirs.
- Tracking tool was built, productivity in the Networking, Planning and Engineering team skyrocketed.

Program Manager *(June 2008 – October 2009)*
- There were 8 programs with no leadership, they were to help in delivering U-verse.
- Took control of all coordination activities cross-team, internally and nationally.
- Audit compliance of 100% and contributions to the U-verse core product successfully delivered.

Test Engineer   **WMS Gaming**   **March 2008 - June 2008**
- Tasked with: "Completing all required tests on the Dean Martin slot machine game."
- Used linux extensively to manipulate game data and execute tests.
- Used bash scripts to automate regression tests.
- Completed this project in less time than slated, given teammates work to assist with.

Teacher/Web Developer   **St. Gabriel's Catholic Parish**   **Sept. 2007 - March 2008**
- Tasked with: "Complete website redesign and teach the K-8 children".
- Redesigned and implemented new website.
- Fixed the hardware installations of cat-5 cable to allow network to reach all classrooms.
- Developed teaching ciriculum for all children coming to "Computer Class".

Test Engineer   **Emerson Appliance Controls**   **March 2006 - August 2006**
- Started with limited structure in place to test high-end model kitchen stoves.
- Designed tests in C++, including interactions with a voltmeter and oscilliscope.
- Programmed a tool to communicate with an EEPROM on a powerboard.
- Designed automated tests, converting from a manual process henceforth.
- Trained co-workers to use test suite, acheiving a 90% reduction in testing time.

Web Developer   **Chicago Board of Trade**   **June 2003 - Dec. 2005**
Direct Trading, LLC.
- Programmed and launched two sites: DirectTrading and DirectForex.
- Assembled and managed a normalized MySQL DB.
- Conducted hardware and software troubleshooting for my company and floor affiliates.

EDUCATION

- **Chicago, IL - Illinois Institute of Technology -** 2003 to 2007 - B.S. in Computer Science
- **Chicago, IL - The Starter League -** Fall 2012 - Ruby on Rails

LANGUAGES AND TECHNOLOGIES

Ruby; Ruby on Rails; Javascript; JQuery; SQL; Java; C; C++; C#; J2EE; Bash Shell; K shell; Visual Basic; HTML; PHP; ASP.net; PL/SQL; Coldfusion; Struts 2; Python; Ocaml; CSS; Postgresql