Chicago IL, 60614
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SEAN P. CALLAHAN

EMPLOYMENT

Architect　　　　　　　　　　　**Valtech**　　　　　　　　　　　**Feb 2016 - Present**
- Establish development guidelines and processes to follow globally.
- Lead teams as big as 7 developers on clients such as:
  - Chanel: inside.chanel.com
  - Hyatt Hotels: hyatt.com
  - Samsung Kitchen Configurator (react/redux)
  - And many others.
- Configured a custom stack + build for our in-house Adobe AEM toolkit.
- Worked on and established guidelines for the Herman Miller redesign
- 2nd place in an Adobe hackathon displaying Augmented Reality (AR) furniture in a mobile Android application, Samsung S6 in this case.
- Architect for a pilot Grocery iOS application that has been used to win clients internationally. There is a professional video of the app in the store produced.

Web Dev Bootcamp Instructor　　　　**Northwestern University**　　　　**Sep 2016 - Present**
- Teach classes of 24-54 students at the NW law campus downtown on nights and weekends.
- Web development bootcamp teaching students HTML, CSS, JS, Jquery, Node/npm, ReactJS, mongoDB, ORMs, etc.
- Measure of success: Students get a job

Owner　　　　　　　　　　　**3 Ninja, llc**　　　　　　　　　　　**April 2013 - Present**
- Web, Mobile and DB architecture and design offerings.
- See our website and a showcase of some clients here: 3ninjallc.com

Development Lead　　　　　　　　　**Saggezza**　　　　　　　　　**Sept. 2014 - Feb 2016**
- Tasked with creating mobile, web and enterprise-level apps.
- Lead teams as large as 12 people to execute on portfolio projects.
- Implemented AngularJS admin suite and UI layer for an Android app used by Outerwall's (Red-Box, CoinStar, etc..) 750+ Nationwide technicians and logistics experts.
- Worked with EmberJS and EmberData to create a full-stack application for end-customers like JetBlue Airlines.　Player-Coach for a strong Agile team of AngularJS developers on a very large project, completing a proprietary application for a large client in NY.

Applications Developer　　　　　　　**AT&T**　　　　　　　　　　**June 2008 - July 2014**
Lead Polyglot Developer - UX + MVC - Ruby on Rails Web Apps (May 2011 - July 2014)
- Tasked with creating multi-screen, data-intensive dashboards for executives using Ruby on Rails.
- Created many Ruby on Rails-driven, full-featured web applications.
- Created immersive front-end UX's via js, css3, html5 and back-end solutions driven by RoR.
- Designed RoR front-end views, screen-by-screen application flows, and MVC logic.
- Provide company-wide trainings for the executive "Mobile-first" program, teaching RoR.
- I gave monthly trainings in RoR, CSS, and angularJS - high positive feedback in these sessions.
- Project Team's SME in these technologies: git, ruby, rails, css3, postgresql, js, angular, Node
Developer - Web Apps (February 2011 - May 2011)
- Needed to depict data to thousands of end users.
- Created four Ruby on Rails web applications to be used as part of an embedded system.
- Created several JBOSS web applications, 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 inconsistencies up/down stream with data and logic using Perl/Ksh mostly.

Developer - Prod. Support *(December 2010 – Feb 2011)*
- Needed to clear up sporadic 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 curriculum 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 oscilloscope.
- Programmed a tool to communicate with an EEPROM on a power board.
- Designed automated tests, converting from a manual process henceforth.
- Trained co-workers to use test suite, achieving 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

LANGUAGES AND TECHNOLOGIES
Core Javascript; Ruby; Ruby on Rails; 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; AngularJS; EmberJS; ReactJS, NodeJS, Gulp, Sass/Less, Webpack, Redux, Typescript, AEM, ES6