

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 Angular 1.x, gulp, and sass 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 app and a Travel iOS app that has been used to win clients internationally. There is a professional video of the app in the physical grocery store produced. And another one for the travel.

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 with all of the knowledge instilled.

Volunteer Instructor **Breakthrough** **April 2017 - Present**

- Teach a 201 robotics course on Tuesday's in prep for the Lego League, which is the next class.
- Teach a python course on Saturday's to students.

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: 3ninja.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 Ember Data 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 Ruby on Rails.
- Designed Ruby on Rails front-end views, screen-by-screen application flows, and MVC logic.
- Provide company-wide trainings for the executive "Mobile-first" program, teaching Ruby on Rails.
- 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: Direct Trading and Direct Forex.
- 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