

Robert Brennan

Full stack developer & tech lead

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Santa Monica, CA

PROFESSIONAL EXPERIENCE

BEACHBODY - Senior Software Engineer

2016 – Present | Santa Monica, CA

- Senior / Lead engineer - Full stack development for eCommerce checkout applications & video streaming subscription apps with React, NodeJS, AWS

Various Apps:

- Created dashboard apps to display JIRA data on in-house TV's
- Developed fast searching apps with Elasticsearch, React, & MongoDB.
- Led a production Node upgrade initiative, Puppetized apps, created auto-restart scripts, Vagrant & Docker Vm's, Akamai caching, AWS provisioning, production deployment & on-call support.
- Implementing analytics Tealium, Google Tag Manager, GA, Usabilla, Optimizely, HotJar, etc.

Tech: React, Redux, NodeJS, Express, AWS, Lambda, Jenkins, Puppet, Travis, Oracle/ATG, Bash/Ruby

SAATCHI ART (Demand Media) - Senior Software Engineer

2014 – 2015 | Santa Monica, CA

- Full stack development for the eCommerce system including the checkout UI, invoicing, analytics, dashboards, managed deployments, developed APIs, & logging (ELK)
- Analytics– Implemented Google Tag Manager; built tracking tags & triggers for GA/UA, AdWords, & automated Google Merchant Center, & other affiliate, product feeds.

Link: <http://www.saatchiart.com>

Tech: PHP, JS, Ruby, MySQL/NoSQL, Couchbase, AWS, Elasticsearch, Jenkins, Google Tag Manager

X-TEAM (at 20th Century Fox) – Development Lead & Head of Integrations

2013 – 2014 | Century City, CA

- Managed a team of 10 web developers for FOX's American Idol, season 13, site redesign.
- Led daily Scrum & planning meetings, coordinated sprints & production releases w/ Fox tech ops.
- Coded for multiple Fox sites: American Idol, Fox.com, So You Think You Can Dance, Glee
- Created a division of X-Team focused on 3rd party API integrations; social media walls, curated comment streams, real-time contests (Gigya, LiveFyre, Mass Relevance, etc.)

Idol: www.americanidol.com - [//hyperurl.co/tfvsgk](http://hyperurl.co/tfvsgk)

X-Team: x-team.com - **Glee:** [//hyperurl.co/eqg207](http://hyperurl.co/eqg207)

DISNEY INTERACTIVE – Senior Web Applications Engineer

2012 – 2013 | North Hollywood & Glendale, CA

- Frontend development, analytics & SEO, DoubleClick DFP Ads, A/B testing.
- WordPress - Created the WP theme for Disney Blogs: <http://blogs.disney.com>

Link: blogs.disney.com

CONTRACT POSITIONS

Black Box Creative Group – JavaScript Web Developer

2012 | Hollywood, CA

- Developed a Facebook Invite app for the Warner Brothers movie, “Trouble with the Curve”

Link: www.facebook.com/TroubleWithTheCurve

Tech: PHP, JavaScript

TRAILER PARK, INC. – JavaScript Web Developer

2012 | Hollywood, CA

- Developed a Smart TV social media photo sharing app (OutMyWindow) for Warner Brothers
- Multi-platform release across Yahoo TV, Google TV, Web, & Mobile

Link: www.trailerpark.com

ENGINEERING POSITIONS

PHOTO-SONICS, INC. – Systems Project Engineer

2010 – 2011 | Burbank, CA

- Performance testing on US military weapons missile test ranges of hypervelocity Infrared optical tracking systems
- Infrared camera / sensor integration across multiple wavelengths (SWIR, MWIR, LWIR, visible)
- Technical documentation of military test procedures, software, & operation manuals.

Link: <http://www.photosonics.com/video-gallery>

TELEDYNE JUDSON TECHNOLOGIES - Software & Hardware Design Engineer

2004 – 2010 | Montgomeryville, PA

- Designed electronics & software for Infrared camera designs, IR sub-systems, and focal plane arrays
- Coded video correction algorithms, embedded control software, & SDKs for infrared cameras
- Designed web-based data acquisition device test system with sub-micron measurement accuracies

Tech: .NET, C++, C#, LabVIEW, VHDL, MySQL, **IR:** SWIR, MWIR, & LWIR, InGaAs, MCT

EDUCATION

The Pennsylvania College of Technology (Penn State Affiliate), Williamsport, PA

BSEET - Bachelor of Science, Electronics Engineering Technology