

Robert Brennan

Full Stack developer / Tech Lead

bobbrennan.com

Santa Monica, CA | 424-272-1969

1BobBrennan@gmail.com

TECHNICAL SKILLS

Tech: NodeJS, React/Redux, Python, PHP, Docker, Lambda, Jenkins, Puppet, Bash scripting, Java, & AWS
Tools: Git, MySQL, NoSQL, Oracle ATG Java, WebCenterSites, Elasticsearch, Jenkins, Fabric, Apache, NGINX
Analytics: Google Tag Manager, GA, Tealium, Usabilla, Optimizely, HotJar

PROFESSIONAL EXPERIENCE

RED Interactive - *Senior FullStack Engineer*

2018 – Present | Santa Monica, CA

- Backend development (React, Node, Python), DevOps, Docker & Server configurations, APIs development & managing production deployments to AWS and other Cloud platforms.
- Designed an AWS Serverless Node Proxy App enabling dynamic advertising media asset changes w/o re-trafficking (VAST), which handles 10-20 million hits per day (MSNBC / Apple)
- Developed a Python (Django) API for Samsung's Smart Home demo store (www.samsung.com/us/837)

BEACHBODY - *Senior Software Engineer*

2016 – 2018 | Santa Monica, CA

- Full stack development for Beachbody eCommerce sites: checkout, video streaming subscription, & asset serving platforms. Oracle ATG JAVA w/ Oracle WebCenterSites Java templating, React/Redux, & Node APIs on AWS Serverless, Docker on AWS EC2 instances. UltimateReset.com BeachbodyOnDemand.com
- API testing via Postman & Charles proxy, Error logging to Splunk w/ AppDynamics & New Relic monitoring & Grafana dashboards. Jenkins, Travis CI/CD with Jest testing.

SAATCHI ART (Demand Media) - *Senior Software Engineer*

2014 – 2015 | Santa Monica, CA

- Full stack eCommerce platform development in all aspects of the system: checkout & admin dashboards, analytics, deployments, APIs development, & logging (ELK); AWS EC2 instances & Puppet config mgmt.
- Implemented Google Tag Manager analytics & tracking tags for GA/UA, AdWords, & automated Google Merchant Center affiliate product feeds www.saatchiart.com

20th Century Fox (X-Team) – *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 (bit.ly/2xs1niB)
- 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 APIs; social media walls, commenting, real-time contests (Gigya, LiveFyre, Mass Relevance, etc.) **X-Team:** x-team.com

DISNEY INTERACTIVE – *Senior Web Applications Engineer*

2012 – 2013 | North Hollywood & Glendale, CA

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

CONTRACT POSITIONS

Black Box Creative Group – *JavaScript Web Developer*

2012 | Hollywood, CA

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

Link: www.facebook.com/TroubleWithTheCurve

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 of hypervelocity Infrared optical tracking systems conducted on US military weapons & missile test ranges
- 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