# 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](https://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](http://www.ultimatereset.com/en_US/) [BeachbodyOnDemand.com](https://www.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](http://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
* 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](http://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](https://www.facebook.com/TroubleWithTheCurve/app/441834125861834/)

**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](http://theatrical.trailerpark.com/work/itv-out-my-window-yahoo-tv-app.aspx)

# 

# 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](http://www.photosonics.com/video-gallery.htm)

**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