# **TECHNICAL SKILLS**

JavaScript, Node, Git, Vue, React, Nuxt, TypeScript, Python, Analytics, AWS, Serverless, SQL/NoSQL, Docker, Postgres, Jenkins, Apache, NGINX, DevOps

# **PROFESSIONAL EXPERIENCE**

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| FOX Lead Full Stack Software Engineer | 4/2020 – Present  Santa Monica, CA |

* Lead engineer for the Los Angeles web development team at Fox TV, managing a team of web developers responsible for the frontend & middle tier development for 17 affiliate news stations across the US.
* Coordinate release management for multiple shared environments with remote backend team
* Tech: Vue, JS, TypeScript, Node, Serverless, APIs, WordPress CMS
* Websites: [foxla.com](https://www.foxla.com/), [fox29.com](https://www.fox29.com/), [fox5dc.com](https://www.fox5dc.com/), [fox5atlanta.com](https://www.fox5atlanta.com/), [fox5ny.com](https://www.fox5ny.com/), etc.

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| Tuition.io Senior Software Engineer | 1/2019 – 3/2020  Santa Monica, CA |

* Backend feature development and RESTful API integration for Tuition.io's cloud-based student loan platform.
* Managed the financial aggregation process integrating 3rd party APIs to display loan data to user dashboards
* TypeScript, Node, Vue, Postgres, Serverless, Docker, Algolia, Firebase, SQS, Dynamo, Lambdas, AWS
* Ansible for configuration management, Firebase & Route 53 for subdomain provisioning & site redirects (DevOps)

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| RED Interactive Senior Full Stack Engineer | 4/2018 – 1/2019  Santa Monica, CA |

* Created an API for Samsung’s Smart Home exhibition of connected home devices [samsung.com/us/837](http://www.samsung.com/us/837)
* Development Lead for Samsung s837’s Smart TV & Android photo sharing & smart home control app
* Designed a high-volume Serverless app (10 million hits per day) allowing for ad-hoc asset updates
* Backend & DevOps, API design, Django, Python, React, Node, Docker, Serverless

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| Beachbody Senior Software Engineer | 12/2015 – 4/2018  Santa Monica, CA |

* Developed features for Beachbody eCommerce & video streaming services, [Ultimate Reset](http://www.ultimatereset.com/en_US/) [BeachbodyOnDemand](https://www.beachbodyondemand.com/)
* Coded checkout features, integrated AWS Serverless APIs and BIG-IP/F5 server redirect iRules
* Tech: React/Redux, Jest, AWS, Serverless, Docker, AWS, Jenkins, CI/CD Tealium, Optimizely, Ruby

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| Saatchi Art / Demand Media Senior Software Engineer | 4/2014 – 12/2015  Santa Monica, CA |

* Backend & DevOps related to the eCommerce platform: API development, admin dashboards, deployments (Puppet, Capistrano, Vagrant, AWS SNS/SQS, Kibana
* Implemented Google Tag Manager across the site; adding general analytics and tracking tags.
* Automated the data ingest of 250,000+ products to the Google Merchant Center & affiliate feeds (Ruby/Rails)

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| 20TH Century Fox (X-Team) Development Team Lead | 7/2013 – 4/2014  Century City, CA |

* Team lead managing a group of 10 web developers to redesign FOX’s American Idol, Season 13
* Ads & integration for multiple Fox sites: American Idol, Fox.com, So You Think You Can Dance, Glee

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| Disney Interactive Senior Web Applications Engineer | 7/2012 – 7/2013  Glendale, CA |

* HTML & JavaScript; Frontend development analytics & SEO, DoubleClick DFP Ads, A/B testing
* WordPress; Created the WP theme for Disney Blogs: [blogs.disney.com](http://blogs.disney.com/)

# **CONTRACT POSITIONS**

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| Black Box Creative Group JavaScript Web Developer | 5/2012 – 6/2012  Hollywood, CA |

* Facebook Invite app using PHP & JS for the Warner Brothers movie, “Trouble with the Curve”

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| Trailer Park, Inc. JavaScript Web Developer | 2/2012 – 4/2012  Hollywood, CA |

* Smart TV app; created a social media photo share app, “OutMyWindow” for Warner Brothers
* Multi-platform release across Yahoo TV, Google TV, Web, & Mobile: [www.TrailerPark.com](https://www.trailerpark.com/work/project/out-my-window-app-ux-design)

# **ENGINEERING POSITIONS**

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| Photo-Sonics, Inc. Systems Project Engineer | 7/2010 – 12/2011  Burbank, CA |

* Performance testing of hypervelocity Infrared optical tracking systems conducted on US military weapons & missile test ranges, [photosonics.com/video-gallery](http://www.photosonics.com/video-gallery.htm)
* Infrared camera & sensor integration across multiple wavelengths (SWIR, MWIR, LWIR, visible)

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| Teledyne Judson Technologies Hardware & Software Design Engineer | 7/2004 – 5/2010  Montgomeryville, PA |

* Built an infrared test station for the Navy’s SM-2 missile guidance components; leading to a $5 million contract
* Developed the Infrared camera lab device characterization & test software, SDKs for Infrared cameras & operation code for the embedded hardware. ( C++, LabVIEW, VHDL, InGaAs )

# **EDUCATION**

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

**BSEET** - Bachelor of Science, Electronics Engineering

**AAS** – Associate of Applied Science, Electronics Engineering Technology