Software Engineer
San Francisco Bay Area
(310) 804-9422

Scott Moschella

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Technical Skills

Strong: JavaScript ES6, Node.js, Express, React, Redux, AWS, Ruby & Ruby on Rails, HTML5/CSS3, JSON/XML
Knowledgeable: React Router, MySQL/PostgreSQL, knex, Bookshelf.js, Git, MongoDB, Redis, Mocha/Chai, Xcode, iOS/Objective-C, Webpack, Travis CI, jQuery, Python, Passport

Software Engineering Projects

ynck Tattoo Community Portal | ynck.herokuapp.com
Website for exploring tattoo styles and designs
- Refactored React-based site with Redux to simplify state management site-wide
- Architected a relational Postgres database with custom Bookshelf.js ORM queries to handle complex model relationships
- Trained a computer vision model to differentiate tattoo styles and auto-tag uploaded images by style
- Implemented infinite scrolling with React to make the home page more dynamic and browsable

3DStxt | 3dstxt.com/scott
Connect with other Nintendo 3DS users through Streetpass messages (2K active users)
- Designed and architected using best practices with Ruby on Rails and jQuery
- Integrated the Amazon Product Advertising API to utilize product images and insert referral links
- Enabled custom URLs with Rails Router

Podcasty | github.com/plasticbugs/podcasty
Get podcast-friendly XML feeds from a YouTube channel's latest videos
- Architected a modular and extensible web server with Node.js, Express & MongoDB
- Integrated Amazon S3 storage API to support a large user-base and enable faster downloads
- Developed server-side caching of dynamically generated content to reduce server load
- Handled asynchronous video to MP3 transcoding and worker queue

Gimpshop | en.wikipedia.org/wiki/GIMPshop
A popular fork of the open-source GIMP project
- Modified GIMP to make it work more like Adobe Photoshop including menu-layouts & naming conventions
- Gimpshop has been downloaded over 500K times

Experience

Crunchyroll, Senior Producer   2016
- Hired & managed a team of video producers to grow Crunchyroll's brand on YouTube & Facebook
- Increased Crunchyroll's YouTube subscriber base from 3,000 to nearly 100K

FutureUS, Executive Producer   2011-2016
- Built custom Javascript-powered widgets for PC Gamer's Twitch stream including a donation widget and a prize wheel that integrated with the Twitch Chat API
- Managed production team of five talented video producers - duties included managing budgets & client relationships, hiring talent, ideating marketing plans, scheduling shoots, & approving edits
- Produced content for technology-centric publications including TechRadar.com and PC Gamer

Education

Hack Reactor, Advanced Software Engineering Immersive Program   2017
The College of New Jersey, B.S. Marketing