

Bill Trikalinos

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SUMMARY

I am a **software engineer** with experience in **web development** and expertise in **Javascript**.

My experiences vary from creating web sites, reusable components and fully featured user interfaces, to being a system administrator as well as to design and implement complex architectures.

I really enjoy using the latest web technologies and always welcome the opportunity to learn something new.

SKILLS

Front-end: HTML(5), CSS(3), Javascript, Coffeescript, jQuery, SCSS, HAML, require.js

Back-end: Ruby On Rails, Ruby, node.js, Laravel, PHP, MySQL, redis, bash

Other Languages: C, C++, Java (university level)

Methodologies: Scrum, TDD

Web Communications: XHR, JSONP, XDomain, REST APIs, WebSockets

Other: git, Unix, Phonegap

Javascript:

- Cross-browser vanilla JS
- Performance
- (AMD, commonJS, UMD) Modules
- Templating
- Ember.js
- Grunt.js

WORK EXPERIENCE

Javascript Software Engineer

10/2011 - Onwards

skroutz.gr (Athens)

- **Skroutz analytics:** X-Domain tracking platform that tracks and reports data inside affiliated sites. Designed and implemented the Javascript client. Vanilla Javascript, X-Domain session tracking, X-Domain communications
- **Rewrote the whole JS codebase** using Coffeescript, AMD modules and Require.js. Also created reusable components and plugins
- **Chrome extension** that consumes the REST API of the site. Implemented the OAuth2 dance
- Inception, design and implementation of JS **continuous integration testing platform**, using Testswarm and Jenkins
- Library implementing **sequential execution** for async based tests
- **jQuery plugins:**
 - Selectorablium
 - Templating wizard
- **Widgets and widget-loading library** that implemented:
 - JSONP
 - Cross-browser events handling

Software Engineer

02/2011 - 10/2011

Generation-y.gr (Athens)

- **Created a number of web-sites** from the .PSD up
 - **HTML, CSS, Javascript** and **Ruby On Rails** development
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Software Engineer / System Administrator		02/2010 - 01/2011
<i>Mindradio.gr (Athens)</i>		
<ul style="list-style-type: none"> • Dedications: Web-app implementing a dedications system. Backend that provides playlist like auditing of submissions, integration with existing Icecast scheduling mechanism. Client that integrates with Facebook API and provides audio recording • HTML, CSS, Javascript and PHP development for the company sites and the admin interfaces • Unix daemon creation that monitors changes in files and updates database accordingly • Web-based File Manager 		
System Administrator		01/2005 - 06/2005
<i>Support Department, Computer Science Department, University of Ioannina</i>		
<ul style="list-style-type: none"> • Maintenance and support • Accounts management • System Administration (BSD, Solaris) 		
Software Engineer – Web Developer		2010 - Onwards
<i>Freelancer</i>		
<ul style="list-style-type: none"> • Created a number of responsive web-sites using the Laravel PHP framework <ul style="list-style-type: none"> ◦ http://www.max-e-mize.co.uk ◦ http://www.petrinonaxos.gr ◦ http://www.evrofarma.gr • Created an e-book reader phonegap application • Created a custom ERP solution using PHP • Personal project tracking web-app using the Ruby On Rails framework • Chrome extension to provide sensible cinema filtering using ember.js 		
OPEN SOURCE PROJECTS		PROFILES
<ul style="list-style-type: none"> • github.com/skroutz/analytics.js • github.com/skroutz/selectorablum • github.com/billtrik/karma-fixture 		<ul style="list-style-type: none"> • github.com/billtrik • stackoverflow.com/users/659610/basiloungas • linkedin.com/pub/bill-trikalinos/a/85b/1ba
EDUCATION		
BSc in Computer Science , University of Ioannina Upper division Second-class honors (2:1)		2013
Courses of interest: <ul style="list-style-type: none"> • Web Development (<i>Javascript, PHP, jsp-servlets, XML</i>) • Object Oriented Design Principles (<i>Single Responsibility Principle (SRP), Liskov Substitution Principle (LSP), Low Coupling Principle (LCP), Dependency Inversion Principle (DIP), Open-Closed Principle (OCP), Interface Segregation Principle</i>) • Parallel Processing (<i>MPI, OPENMP</i>) • Network Programming (<i>BSD Sockets</i>) • Computer Systems Security (<i>Buffer overflows, Man-in-the-middle attack</i>) 		
LANGUAGES		
<ul style="list-style-type: none"> • English - Cambridge Proficiency degree • Greek - Native 		
INTERESTS		
<i>Gaming, Music, Cinema, CrossFit, Martial Arts, Travelling, Motorcycles</i>		
OTHER		
Military obligations fulfilled (Hellenic Air Forces - Airman)		04/2013 - 12/2013