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, MongoDB, 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, Photoshop

Javascript:

- Cross-browser vanilla JS
- Focus on Performance (loading, parsing, executing)
- (AMD, commonJS, UMD) Modules
- Templating, Promises, MVC
- Backbone.js, Angular.js, Ember.js, Handlebars.js, Grunt.js, Gulp.js, Bower.js
- Teaspoon, Karma.js, Mocha, Chai.js, Sinon.js, Zombie.js, CasperJS

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 Coffescript, 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

Software Engineer / System Administrator	02/2010 - 01/2011

Mindradio.gr (Athens)

- **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

Support Department, Computer Science Department, University of Ioannina

- Maintenance and support
- Accounts management
- System Administration (BSD, Solaris)

Software Engineer – Web Developer	2010 - Onwards

Freelancer

- Created a number of **responsive web-sites** using the **Laravel** PHP framework
    - 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

- github.com/skroutz/analytics.js
- github.com/skroutz/selectorablium
- github.com/billtrik/karma-fixture

- github.com/billtrik
- stackoverflow.com/users/659610/basiloungas
- linkedin.com/pub/bill-trikalinos/a/85b/1ba

EDUCATION

BSc in **Computer Science**, University of Ioannina   2013
Upper division Second-class honors (2:1)

Courses of interest:
- **Web Development** *(Javascript, PHP, jsp-servlets, XML)*
- **Object Oriented Design Principles** *(Single Responsibility Principle (SRP), Liskov Substitution Principle (LSP), Low Coupling Principle (LCP), Dependency Inversion Principle (DIP), Open-Closed Principle (OCP), Interface Segregation Principle)*
- **Parallel Processing** *(MPI, OPENMP)*
- **Network Programming** *(BSD Sockets)*
- **Computer Systems Security** *(Buffer overflows, Man-in-the-middle attack)*

LANGUAGES

- **English** - Cambridge Proficiency degree
- **Greek** - Native

INTERESTS

Gaming, Music, Cinema, CrossFit, Martial Arts, Travelling, Motorcycles

OTHER

Military obligations fulfilled (Hellenic Air Forces - Airman)	04/2013 - 12/2013