Ioannis Bekiaris (Software Engineer)

Nationality: Greek
Date of Birth: 26 Jan 1985

email: info@ibekiaris.me

website: http://ibekiaris.me
GitHub: https://github.com/ibekiaris
in: https://www.linkedin.com/in/bekiarisioannis

Graduated Software Engineer with more than 7 years of working experience. PHP expert with proven working experience in Node JS and Scala. Passionate about design patterns and algorithms. Really enjoys web apps optimization, code refactoring and RESTful web services. Interested in learning more about microservices architectures and distributed systems. Zend Framework 2 and Yii2 open source projects contributor.

EDUCATION

- **National Technical University of Athens, Greece** (degree 7.06/10 – Year 2010)
  Master degree in Electrical and Computer Engineering

- **2nd High school of Karditsa, Greece** (degree 19.3 /20 – Year 2002)

LANGUAGES

English - Professional working (C2)
Greek - Native

French - Good command (B2)
Dutch - Basic communication skills

SKILLS

Programming: PHP, JavaScript, Node JS, Scala, Java
Services: Apache, Nginx, Kafka, Zookeeper, MySQL, MongoDB, Elasticsearch
Frameworks: Zend Framework*, Doctrine 2, Laravel, Yii 2*
Web development: AngularJS, Drupal, Joomla, WordPress, HTML 5, CSS3, jQuery
Processes: OOP, Functional Programming, MVC, DDD, TDD, REST
Teamwork-CI: GIT work flows, Docker, Vagrant, Teamcity, Jenkins, Scrum, Agile

* Zend Framework 2 and Yii2 open source projects contributor.

WORK EXPERIENCE

Senior Software Engineer   **MessageBird (Amsterdam, Netherlands)**
                                                                                Duration: Nov 2018 – today

@todo

MessageBird is a cloud communications platform that connects enterprises to their global customers. Since 2011, MessageBird has been connecting companies to their customers on billions of devices around the world.

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Senior Software Engineer (via Agap2IT)   **ASICS (Greater Amsterdam area, Netherlands)**
                                                                        Duration: Aug 2018 – Oct 2018

E-commerce, B2B, SAP, Laravel, AngularJS, Docker

ASICS is a Japanese multinational corporation which produces footwear and sports equipment designed for a wide range of sports.

As a part of the B2B ASICS team, I was responsible for supporting and optimizing the ASICS B2B application. The B2B application is the company's interface for its retailers. It is the place where retailers order ASICS products.

Part of my daily working life was solving performance issues regarding communication with SAP and refactoring core parts in order for them to reflect the business rules and invariants. One the major challenges that we as a development team faced was to minimize downtimes.

What I enjoyed the most was the culture of a corporate environment. Communication with different departments in such a big company taught me a lot about building a "ubiquitous" language that describes core aspects of the business.

Senior Software Engineering Consultant   **Agap2IT (Amsterdam, Netherlands)**
                                                                                Duration: Sep 2017 – Oct 2018

NLP, Chatbot, Node JS, Laravel, Docker, DDD, TDD

Agap2IT is a European organization with presence in areas such as Information Systems, Science and Technology and a reference in the world of Banking, Insurance, Telecommunications, Industry, Pharmaceuticals and Energy.

I was the lead Software Engineer and Application Architect of an internal project that helps the company automate, evaluate and control its hiring process. We used both Laravel 5.6. and Angular 5 for the RESTful web service and the front end application, respectively.

My approach, as a team lead, was both Domain and Test Driven Development in order to build a stable product that covers complex needs. Among others I was responsible for emulating production environment with Docker and maintaining a proper documentation using swagger and markdown files.

As a side project I was building an intelligent Slackbot that covers the company's employees needs using Node JS and Natural Language Processing.

Software Engineer   **Blendo.co (Athens, Greece)**
                                                                               Duration: Dec 2016 – Sep 2017

Scala, Kafka, Zookeeper, Slackbot, Node JS, Microservices, MongoDB, Docker

Blendo.co is a new breed of integration-as-a-service platforms that enables companies to extract a multitude of data (sales, marketing, product, customer support, etc.) from different cloud services, integrate it and load it into their own cloud-based data warehouses for analysis.

First time I ever heard of Blendo.co was in a startup event. I found the project really challenging and I thought it was the time for something new in my career. I proposed myself for the Scala Software engineer position and I was selected to be part of a very talented scrum team.

That was my first time working with Scala and technologies like Apache Kafka and Zookeeper. However, I took the responsibility to refactor essential parts of the Scala application related to the integration with external APIs. Even if I did not participate that much in the architecture decisions, I learned a lot of things about the challenges of microservices adoption.

Also, I developed a side internal project, a Slackbot that provides information regarding error logs. For that side project I have used Node JS and Typescript with Elasticsearch and MongoDB.

Founder (Software Engineer - App. Architect)   **Kibblo (Athens, Greece)**
                                                                               Duration: Nov 2016 – Nov 2017

One-page app, Zend Framework 2, Doctrine 2, AngularJS, Jenkins, Capistrano, LEMP

Kibblo is the first CRM especially designed for freelance web developers and designers. It is an all in one tool that helps them automate their work.

I started Kibblo as a side project while I was working on my full time job. Kibblo is a one-page application

consisting of three applications: 1) a RESTful API build on Zend Framework 2, 2) a media manager application build on the top of Zend Expressive and 3) a front end application made with AngularJS 1.6.

Working both in the frontend and the backend really helped me to fully understand how a one-page application is working. I used many technologies and technical approaches such as require.js as AMD loader bower.js for the frontend, JWT authentication, Doctrine 2 as an ORM etc. I had the opportunity to try a lot of tools like Jenkins to run unit tests and detect violations of coding standards, Capistrano for deployment and Docker to emulate the production environment. Part of that project was the Annotation Validator – an open source ZF2 package used to validate Doctrine Entities during their lifecycle events – that you can find in my GitHub account.

Senior Software Engineer (Contractor)   **Yo-Trip (Athens, Greece)**
                                                                          Duration: Apr 2016 – Aug 2016

Yii2, Elasticsearch, Web Services, Scrum, AWS, LEMP, DDD

Yo-Trip is a really ambitious startup online travel agency in Athens. The founders' vision is to build the biggest online travel agency in Greece.

I worked in a scrum development team consisting of seven software engineers, two front end developers and a DevOps engineer. Working in two weeks' sprints - using Yii2 framework and Elastic Search (in LEMP environment) - we delivered the MVP of a metasearch engine for airplane tickets reservation. I participated mostly as a "domain expert" because of my prior experience in online traveling and my knowledge and passion for design patterns. I was also responsible for smooth integration of our application with external data providers. Mentoring junior developers was also a part of my weekly duties.

Senior PHP Developer   **Honest Partners (Athens, Greece)**
                                                                          Duration: Feb 2015 – Apr 2016

E-commerce, SaaS, Web Services, RESTful, Laravel, Agile

Honest Partners is a Greek web agency with a vision to stand out in the field of new media and information technology.

I worked as a team leader in a 5 people agile software team. We provided quality web solutions for big customers in Greece such as Hellenic Olympic Committee, Coca Cola Greece, Benaki Museum etc. I was responsible for maintaining two custom made PHP internal projects, a SaaS project that helps lawyers to organize their office and a custom made CMS project. The most challenging project was the optimization of an e-commerce platform in order to achieve more than 10.000 concurrent users. My team and I, working in 2 week sprints, delivered Drupal and WordPress web projects and also RESTful APIs using Laravel framework for mobile and one page applications.

PHP Developer   **Interactive Data (Frankfurt, Germany)**
Duration: Feb 2014 – Feb 2015

Real-time market data, Zend Framework 1, Doctrine 2, Teamcity, CI

Interactive Data Corporation is an American company that provides financial market data analytics and solutions to financial institutions, active traders and individual investors.

I was part of an international team of very talented and professional engineers. Our team was responsible to deliver ZKB finance project (https://zkb-finance.mdgms.com). Zurich Cantonal Bank (ZKB) is the largest cantonal bank and the fourth largest bank in Switzerland. We migrated the old application to a new one using Zend Framework and consuming real time web services. We achieved to deliver results on time with respect to the security and quality standards. The most challenging task, apart from coding, was the understanding of the bank requirements and the economics in general (we had to work with stocks, actions, market indices etc.)

Co-Founder (Software Engineer)   **Web Trust (Athens, Greece)**
Duration: Nov 2012 – Mar 2016

Zend Framework 2, Doctrine 2, RESTful, AngularJS, Drupal

This was my first approach for building my own web agency. With a friend of mine we founded Web Trust. Our field of expertise was Web Development and Digital Marketing. We started that business while we were both still working in a full-time job. Within four years' time we had more the 70 satisfied customers. That journey came to an end when another agency acquired our company.

Being the Co-Founder and an experienced Software Engineer, I was fully responsible for analyzing, managing, developing and delivering quality working web projects according to customers' needs and instructions. We had the time to try and work with a lot of different technologies and frameworks. All popular PHP CMS (Joomla, WordPress, Drupal) and/or well-established frameworks (Zend Framework, Doctrine, AngularJS) were part of our toolbox ensuring to cover our customers' needs.

Full Stack Developer   **Airtickets.gr (Athens, Greece)**
Duration: Jun 2012 – Jul 2013

Web Crawling, Zend Framework, LAMP, Java, Hibernate

Airtickets.gr is the biggest online travel agency in Greece which offers online bookings for plane tickets, ferry tickets, car rentals and hotels.

I was a part of a seven people software team that was responsible for maintaining and adding

functionality to the company's Java booking engine (Spring framework and Hibernate). I worked mostly in the frontend (but also in the backend when needed) implementing the mobile interface using technologies such as jQuery mobile.

I was also assigned from my manager to build two side projects. The first was a web crawler that was collecting data regarding competition on a daily basis. That was a really advanced project that helped me to strongly understand how HTTP protocol and web applications work. The other one was an application used by company's accounting department to compare invoices and transactions in the company's bank accounts.

Junior Full Stack Developer   **Overmedia SA (Athens, Greece)**
                                                                    Duration: Jan 2012 – Jun 2012

Joomla & Virtuemart, LAMP, e-commerce

Overmedia SA is a Greek full-service digital agency specializing in creating client value through web. Services include graphic design and web development.

As a part of a small and flexible team I was responsible for developing and maintaining web sites and e-commerce applications according to user's requirements and established standards. I was working in LAMP environment using mostly Joomla and Virtuemart platform. Along with my colleagues we implemented a lot of Joomla custom plugins and components in order to cover our customers' needs. As for the frontend, I worked mostly using jQuery framework, HTML5, CSS3.

Electrical Engineer (Intern)   **"NESTOR" Institute for Astroparticle Physics (Pylos, Greece)**
                                                        Duration: Jun 2009 – Aug 2009

The NESTOR Project (Neutrino Extended Submarine Telescope with Oceanographic Research Project) is an international scientific collaboration which aims to deploy a neutrino telescope in the sea floor off Pylos, Greece.

My main duty was the calibration of optical modules for the "NESTOR" neutrino telescope. I was a part of an international team under the guidance of the Leonidas Resvanis, Professor of Physics at the University of Athens and Director of the Nestor Project.

Marketing and sales (Part time)   **National Telecommunications Organization of Greece (Athens, Greece)**
                                                Duration: Jan 2005 – Sep 2005

Hellenic Telecommunications Organization S.A., known by its Greek initials OTE, is the dominant

telecommunications provider in Greece. Along with its subsidiaries, its one of the largest telecom groups in South Eastern Europe.

My main duty was promoting and selling company's products and services, via cold calls. I was responsible for the Greek market. Even if I did not have the adequate marketing background, I was twice awarded from my supervisors for the way I communicated with customers. Customers were really happy with my polite and honest way of communicating company's products.

INTERESTS

- Physics
- Algorithms
- Blogging
- Music