

Chrisostomos Bakouras

Software Engineer

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Experienced 5+ years Software Engineer with strong problem-solving skills. Specialize in thinking outside the box to find unique solutions to difficult engineering problems. Proficient at designing software and writing code in various languages. Expert in Java and PHP. Enthusiastic team player and deep creative thinker.

Experience

DataScouting

DECEMBER 2015 - JUNE 2016

Internship

- Implement a microservice for pdf concatenation with Spring Boot and PDFtk.
- Implement a microservice for delivery and schedule of email alerts with Spring Boot. Email alerts contained media monitoring reports targeted to customer needs.
- Create a module in [MediaScouting Broadcast](#), for mass import of advertisement creatives.
- Refactor DataScouting sites (www.datascouting.com and blog.datascouting.com) to be compatible with [Web Content Accessibility Guidelines \(WCAG\) 2.0](#) and [W3C](#) specification.
- Refactor internationalization system in [MediaScouting Print](#). (Java ee, Gxt/Gwt)

DataScouting

JUNE 2016 - PRESENT

Software Engineer

- Implement a microservice for product / company / brands / creatives catalog management. One of the key concepts of this project was to replicate data among multiple database schemas. Technologies used: Spring boot, Atomikos, JTA, JPA, Hibernate.
- Implement Ad Monitoring platform inside MediaScouting Print. Technologies used GWT/GXT Java ee.
- Refactor MediaScouting Print. Change dependency management and build system from Ant to Maven. Refactor most of project modules to MVP design. Redesign Curation module and Admin module.
- I was a member of the team which developed the MediaScouting Print API microservice. This microservice is responsible for Customer - Article/Clip auto matching, fuzzy searching articles with Elasticsearch and ZomboDB and exposes most of the domain layer of MediaScouting Print.
- Implement a mailing microservice responsible for external company mails. Technologies used Spring Boot, Java Mailer and Mailgun API. Technologies used Java, Spring Boot
- Implement automatic customer alerts microservice. This Microservice is responsible for data collecting for each customer and send reports with a desired way (webhook, email, ftp). Technologies used Java, Spring Boot, Thymeleaf, Mustache

- Implement a microservice for serving resources (images, video, audio). One of the key concepts was to allow the resource to be opened one time or until a date. Technologies used Java, Spring Boot
- Refactor MediaScouting Broadcast Audiofingerprinting Microservice, Facedetection Microservice and LogoDetection. Expose Rest APIs build with Spring Boot.
- Implement Audiofingerprinting SDK, FaceDetection SDK and LogoDetection SDK. Technologies used Java, Spring Boot
- Refactor MediaScouting Broadcast Grabber. Technologies used Java, Spring Boot
- Implement MediaScouting Broadcast Grabber health reporting API. Technologies used: Java, Spring Boot
- Implement licensing for all company products. Technologies used Java, License4J
- Implement Mention SDK and mention syncer microservice. Technologies used Java, Spring Boot
- Implement a Mosaic View for media streams. Technologies used: C#
- Be member of several research projects.

FastClick Ltd

SEPTEMBER 2015 - MAY 2018

Software Engineer

- Implement an e-commerce Admin Panel for customer / order / campaign management. Technologies used: PHP 5.6, Laravel.
- Implement a rule based web scraper for internet articles integrated with Wordpress cms. Technologies used: PHP 5.6, Laravel, ElasticSearch.
- Implement Customer gateway API for orders and site widgets. Technologies used: PHP 5.6, Laravel.
- Integrate Admin Panel with paypal.
- Integrate Admin Panel with Routee API. Create a SMS validation system for order verification.
- Implement a drag and drop template designing tool for product landing pages.
- Implement a Classified Ads platform. Technologies used: PHP 7, Laravel, ElasticSearch.
- Implement an url shortener containing link monitoring and user analytics functionalities. Technologies: Node.js, Restify.
- Implement Bot API. A Node.js backend for facebook bot building and customer management.
- Implement Bot Admin. An Angular 5 app that uses Bot Api for bot building and customer management.
- Implement a social growth tool. Technologies used: React Native, Android

The Boosting Lab LTD

SEPTEMBER 2019 - MAY 2019

Software Engineer

- Implement a Boosting platform for games. Technologies used: PHP 7, Laravel, Redis, Websockets

Personal Projects

- Implement a Drop Shipping platform for Amazon and Ebay. Technologies used: PHP 7, Laravel, Redis, Websockets, Node.js
- Implement several automated sites. Automated Scraping, automated text manipulation and publish to web. Technologies used: Laravel, Node.js

Education

Technological Educational Institute of Central Macedonia

2009 - 2018

Bachelor of Informatics and Computer science
Software Engineer

University of Cambridge

First Certificate in Computing

University of Michigan

Certificate of Competency in English

Skills

- Object Oriented Programming
 - Functional Programming
 - Java, Java ee
 - GWT/GXT
 - Spring Framework, Spring MVC, Spring Boot, Spring Security
 - JTA, Atomikos
 - JPA, Hibernate
 - Thymeleaf
 - Vavr / Javaslang
 - RabbitMQ
 - Maven, Gradle, Ant
 - Kotlin, Groovy
 - JavaScript, ECMAScript 5, ECMAScript 6, Flow
 - Angular 5
 - React
 - React Native
 - Node.js
 - C#
 - MySQL, PostgreSQL, MongoDB, zombodb, Elasticsearch, Redis
 - Git
 - PHP, Laravel
 - Linux
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