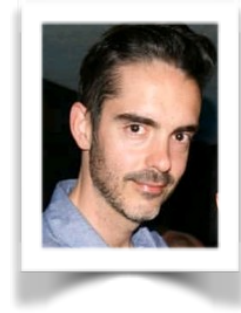# Alex Manrique

Software engineer

Personal information

Email : contact@alexmanrique.com
Website: https://alexmanrique.com
Linkedin : http://es.linkedin.com/in/amanrique

Professional experience

Software engineer fascinated by software development. Follow approved life cycle methodologies, create design documents, and perform program coding and testing. Resolve technical issues through debugging, research, and investigation. Focused mainly in delivering clean code, loosely coupled and easy-to-scale.

Senior Java developer - Marketing team member @ eDreams-Odigeo (eDreams, GoVoyages, Opodo, Travellink, Liligo) January 2012 – Now

Migrate Best prices API to increase content from 100k to 5M of price results using Kafka queues and Elasticsearch with a price accuracy of 70%.

Design and implementation of Java Rest API to subscribe customers to price changes (100K subs/day leading to a revenue margin of 1,5€ per subscriber)

Integrate with Salesforce marketing cloud to deliver marketing emails (500k emails/day)

Design and implementation of a Java Rest API that validates and confirms promo codes (300k requests/ day and 20% of bookings have used a promo code)

Design and implementation of a Java Soap API (30M request/day) that provides prices to metasearchers like Kayak and Skyscanner. This provides 15k bookings/day.

Software Java Engineer @ Safelayer Secure Communications S.A. February 2009 – February 2012

As a member of research and development company area I was responsible of new e-authentication systems developments to guarantee users identity.

Teacher @ EnginyCat (October 2009 – June 2010)

Selected for the EnginyCat 2009 program, promoted by the Generalitat de Catalunya addressed to the last year students with good marks.

Education

Computer Engineering, 2004-2009 @ **Barcelona School of Informatics (FIB)**, Technical University of Catalonia (UPC) in Barcelona (Spain)

Tech stack

Languages: Java, PHP, Javascript

Quality control: TestNG, TDD, Pair programming, code review, Functional testing

Databases: Oracle, Mysql, Elasticsearch