zulfikar idris

Software Architect & Engineer

zulfikarfull@gmail.com

Honors and Awards

Bronze Medal

Asian Pasific Astronomy Olympiad I, Irkutsk, Rusia

December 2005

Experience

Software Architect at   Kofera Technology

October 2015 - Present (10 months)

   -Building Big Data System,

   -Design & implementation SOA

Senior Software Engineer at   blanja.com

August 2015 - Present (1 year)

   As Senior Software Engineer, responsible to design, development, implementation and maintenance of
   platform blanja.com.

   -Architects system for more scalable, high avaibility

   -Lead some engineers

   -Release management (review code, code integration & deployment)

   -Hiring new engineers

   -Mainteinance System

   Tech stacks: Java, Spring, MySql, MongoDB, Zookeeper, Dubbo, Memcached, Solr, etc

Software Engineer at   ADSKOM

June 2014 - August 2015 (1 year 3 months)

   Ad Tech & Big Data platform.

   As Big Data Software Engineer, responsible to collecting, storing, processing, and analyzing of huge sets of
   data.

   - Selecting and integrating any Big Data tools and frameworks

   - Implementing ETL process

   Tech stacks: Java, Ruby, Hadoop, HBase, MongoDB, Cassandra, Redis, Hive, Apache Pig, Apache Kafka,
   Spark

Software Engineer at   PT Tokopedia

March 2014 - May 2014 (3 months)

Independent Software Developer at   Topcoder
2010 - 2014 (4 years)

Competitor in Software Component Development, Assembly, Bug Hunt and UI Prototype

Languages

English   (Professional working proficiency)

Indonesian   (Native or bilingual proficiency)

Skills & Expertise

Software Engineering
Java
MySQL
JavaScript
Big Data
Hadoop
Ruby on Rails
CSS
HTML5
Node.js
Hive
Web Development
Mobile Applications
Apache Pig
MongoDB
Programming
Software Development
SQL
Linux
Databases
Web Applications
Android
Project Management
Web Services
AJAX
Git
XML
User Interface
jQuery
HTML
SOA

Education

Institut Teknologi Bandung (ITB)

Bachelor of Engineering (B.E.), Information Technology, 2007 - 2013

Activities and Societies: Unit Kebudayaan Aceh ITB

Projects

Highly Scalable Online Ad Serving Engine

August 2013 to Present

Members:zulfikar idris, heru herlambang, Nicholas Hamidjaja, Ikmal Syifai, Firman Gautama, Alam Listyadi, Fuad Rido Awaludin

Summary of the High Level Design

- Multi-threaded and non-blocking network and IO.

- Support multiple cluster with horizontal scaling capability.

- Support all IAB standard banner and RTB 2.1 & RTB 2.2

This Java based Ad Serving Engine (v2.0) is already proven to serve more than 500 million impressions per month. (as of August 2014 - http://goo.gl/RDJa8E).

Implementation of Near Real Time Analytics (v1)

Members:zulfikar idris, Firman Gautama, heru herlambang, Fuad Rido Awaludin, Ellen Pramana, Ricky Anders Saputra, Ikmal Syifai

Our attempt to utilize more of the Big Data stacks :)

and we are using:

- Hadoop 2.6

- Kafka -> Real time data stream

- Spark -> Data processing + analytics (near real time)

- Camus -> Writing to HDFS

- Oozie -> Task Scheduler

- MySQL -> Metadata + Fact

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Linked in

Contact zulfikar on LinkedIn