ADAM AKBAR

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SUMMARY

Over the past year I have been working on several projects in many industries and most of my time is used to deal with domain specific problems, devise a solution and build the solutions with any technology which me and the team are most familiar with. I'm a curious person by nature, love to tinker with interesting technology or concepts by the weekends. Technology which I've used extensively as software engineer are PHP and Javascript in various frameworks or in plain vanilla,

EXPERIENCE

"PPPTMGB" LEMIGAS   *Jakarta, Indonesia (June 2013 - December 2015)*

LEMIGAS is a state-owned research and development center for oil and gas technology. I've been tasked to design and develop an information system to manage oil and gas exploration data from any oil companies who operate oil exploration in Indonesia.

- Work as full-time Software Engineer
- Design the system by following the Petroleum Resources Management System 2007 (PRMS) standard
- Migrate excel-formatted oil exploration data to MySQL
- Develop both backend using PHP and frontend using JQuery and Bootstrap CSS

FTTM ITB   *Bandung, Indonesia (February 2016 - November 2016)*

FTTM ITB is a Faculty of Petroleum Engineering of Bandung Technology Institute. I've been given an opportunity to lead a team of 5 people to rewrite oil exploration and exploitation information systems using Java (SpringBoot) and PostgreSQL also integrating with internal dashboard applications using Tableau.

- Work as remote contract-based Lead Software Engineer
- Rewrite previous applications in Java (Spring) and extend the scope to manage oil exploitation data
- Migrate excel-formatted oil exploitation data to PostgreSQL
- Led a team of 3 programmers, 1 UI/UX designer, and 1 technical writer

Sarana Prima Data   *Jakarta, Indonesia (December 2016 - March 2017)*

One of the contractors of Indonesia Tax Directorate General which is responsible for developing new applications to manage accounting of all taxpayers in Indonesia. My role at this job is to develop the systems based on written specifications from the client using Java (Spring), administer Linux RHEL 6, RedHat JBoss EAP, JBoss FUSE, and Oracle database 11g.

- Work as contract-based Backend Software Engineer
- Create automated accounting process based on Indonesia standard tax law
- Create web API to be consumed by other internal systems in Indonesia Tax Directorate General

Cartenz Technology   *Jakarta, Indonesia (April 2017 - December 2017)*

Cartenz is a holding company with many business units under it and I've been given responsibility to build applications for its two business units, which are:

- https://sobi.co.id a forestry supply-chain management. I've built the features to enable the business units works digitally in the area of customer contract, purchase order, tree and log management, item delivery, and accounting, both backend and frontend using PHP, MySQL, Vue.js and Bootstrap CSS
- https://zeepos.com a point of sales for food and beverages and retail inventory system using PHP and MySQL. I've built the backend which responsible for inventory stock control, stock processing, stock waste management, calculated cost of goods sold, and also a bit frontend work in dine-in table layout using HTML5 Canvas

Halalbener   *Jakarta, Indonesia (February 2018 - April 2020)*

Co-founded startup in the tourism industry specifically in Umrah and Hajj (muslims pilgrimage) in Indonesia (https://halalbener.com). Me and 1 other co-founder managed to raise $150K seed funding to tackle the problems in Umrah and Hajj by building a platform to help muslims get their pilgrimage tour package with end-to-end transparency and fair price. My role was to develop the system from ground up and help day-to-day operations. In terms of technology we've used are PHP (Laravel) for the backend, Vue.js for web frontend, Kotlin for mobile apps, PostgreSQL, Google Cloud Platform, Elastic, and CentOS 7.

SYSTEMIQ   *Jakarta, Indonesia (July 2020 - November 2020)*

As a contractor for SYSTEMIQ I've given the task to create a system that can calculate an economy model of peatland in Indonesia. The model itself is used to determine if certain peatlands have alternative business models that will not just help reduce the carbon emission but are profitable to stakeholders.