

# Luqman Abdul Mushawwir

## Software Engineer, Indonesia

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### Expertise

#### Web Development

Development of web application, including back end and front end. I am comfortable using Scala, Python and C# with .NET Core, but have a little bit experience using PHP, Ruby on Rails, and Java.

#### Big Data Architecture and Implementation

Identification of big data use cases in business, data analysis, implementation, and infrastructure management of big data pipeline as well as data warehouse. I am comfortable in Apache Hadoop ecosystem and Google Cloud Services.

#### Automation

Creating scripts and bots to automate repeated tasks, such as scheduled jobs, test automations, app deployments, and web scraping.

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### Experience

#### Data Engineer - KMKLabs (2017 - now)

Involved in designing and implementing data analytics platform for BBM and [vidio.com](http://vidio.com), doing data analytics, and maintaining internal applications for data purposes.

#### Software Engineer - Formulatrix Indonesia (2015 - 2016)

Development of liquid handling robot control software.

#### IT Expert - Bappeda Kab. Bandung (2014 - 2015)

Development of web-based regional government planning information system applications for Kabupaten Bandung (Bandung district).

#### Lecturer - Universitas Nurtanio Bandung (2014 - 2015)

Lecturer for Computer Science and Informatics Faculty – Mostly on programming subjects, like web programming or Java programming.

#### Software Developer - Kabayan IT (2011 - 2014)

Consulting and development of various applications such as online store website, social media analysis, enterprise and government information systems.

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### Education

#### Master Degree - Institut Teknologi Bandung (2015)

Computer science option, thesis: Object Detection and Tracking for Video Surveillance System

#### Bachelor Degree - Institut Teknologi Bandung (2011)

Computer science option, thesis: CUDA-Based Parallel Computing Implementation on CFD Solver for Elliptic Equations