

# Abirafdi Raditya Putra

Jakarta  
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Full Stack Developer

## Summary

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A boring programmer, but in a good way. Always uses proven techniques, architecture and technologies stack so that my products are reliable.

Testable, readable, commented and clean code are my first priorities. Maintainability and reliability are my primary requirements when developing a product.

## Work History

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### Remote Backend Developer

August 2016 - Now

Mekar

<https://mekar.id>

Actual work is Full Stack. Currently involved in projects.

1. Keep in View (SPA), as the sole developer.

Glorified TODO lists for the owner of the HM Sampoerna, also responsible for doing the meetings and getting feedback directly from him.

- Tree-style TODO lists.
- Print-ready, PDF report generation, including table of contents with page numbers (without Prince).
- The SPA is made with JQuery using Revealing module pattern + pub-sub event architecture.

2. Mekar's funderportal <https://mekar.id>, as the backend developer.

Loan/investment crowdfunding platform. Responsible for implementing the models, some part of the views/controllers, search engine and CMS.

3. As DevOps for <https://bidX.net>.

Just keeping the site alive for the most part.

### Remote Backend Developer and DevOps

February 2017 - Now

Rooda

Creating the backend for a real time tracking app using test driven development. It will use the GeoDjango module, the recently added websocket support via Django-channels, REST and custom API and will be hosted on AWS.

### Remote Backend Developer

April 2016 - Now

JiGO

<https://jigo.com/>

Developing the chat bot backend, using microservices as the boundary's architecture and REST as its endpoints.

The core code is an implementation of Uncle Bob's EBI/EBC architecture, this makes the code very testable and framework/library/ORM agnostic.

## QA Engineer

May 2016 - June 2016

Australia based company <redacted company name>

QA Engineer of a PyQt based GUI application

## Testimonials

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Abi is a genius!

I seldom use this term, but only to refer to those who possessed skills and technicalities beyond my own. Throw in difficult computational problem, and you can be sure Abi will be able to tackle those, even if it needs scientific research first.

Hardworking, disciplined and took high pride of his work.  
Totally recommended!

<https://www.linkedin.com/in/abirafdi-raditya-putra-0a0259122>

## Skills

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### Go-to programming language :

- Python

### Have experience with :

- JavaScript, Java, C++

### Frameworks :

- Django (since 2014)
- django-cookiecutter template (best practices boilerplate for django, CDN, different configs for different phases etc)
- django-rest-framework
- Wagtail, Mezzanine
- Angular 1
- Qt ( beginner)
- SQLAlchemy
- Flask (beginner)
- Nameko (Python microservice framework)

### Frontend Skills:

- Bootstrap, materialize css, angular-material
- Basic usage of CSS3, LESS, SCSS
- HTML5
- JQuery, Angular 1

### Database

- PostgreSQL, MySQL, RethinkDB, SQLite

### DevOps Experience:

- PythonAnywhere, Heroku, openshift, Docker and docker-compose (beginner), AWS (beginner)

### Other Skills :

- Linux, RabbitMQ

## Tools and Software :

- Git and Mercurial
- PyCharm Professional

## Git Repositories

<https://github.com/abirafdirp>

<https://bitbucket.org/abirafdirp>

## Achievements

First place at KOMPRES 2015-2016 (my university annual competition) in Web service/Web based application category.



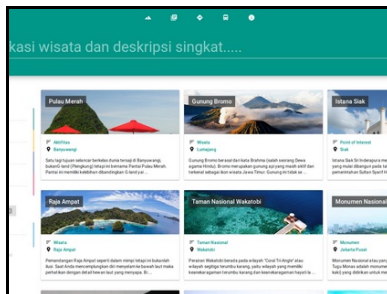
## Portfolio

## Discover Indonesia

<https://www.pythonified.com>

Web service + SPA that have:

- Adhere to REST + browsable API
- Token based authentication + OAuth2 Social Login
- 3D Model Viewer
- GMaps with custom marker
- 12 Factor App

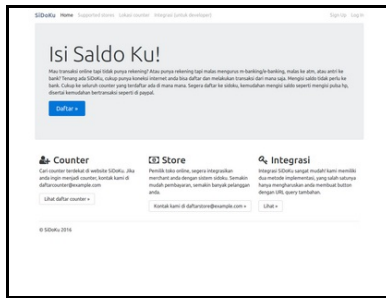


## Finhacks 2016 Submission

<https://finhacks2016.pythonanywhere.com/>

## Payment service

- Has REST APIs



## Chatbot

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Simple machine learning chatbot integration with flask and socketio



## Pet Projects

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### reddit-notifier

<https://github.com/abirafdirp/reddit-notifier>

reddit's bot that notifies you via email if a submission matches with keywords you specified

### Simple game with A\* algorithm

<https://github.com/abirafdirp/TowerDefencePAA>

Game with a path finding algorithm created from scratch using Qt5 (C++)