Gennadii Turutin

Full-Stack Web Developer

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L www.linkedin.com/in/gennadii-turutin/

About me

I 'm a full-stack web developer with experience in Django, Flask, and Angular 6.

Authorized to work in the US

My links
github.com/GennadiiTurutin/
turutin.net/
nadiakoch.com
noyardstick.org/
fpy.herokuapp.com/

Languages

English
German
Russian

Work Experience

June 2018 - to date
Freelance Full Stack Web Developer (New York, NY)
Designing websites, databases (incl. Firebase), and REST API.
Deployment on AWS, Heroku, etc.
Data Visualization, machine learning

Sep 2017 - Feb 2019
Architectural Draftsman
Jack Jaffa & Associates (Brooklyn, NY)
Architectural Calculations, Analysis
Drafting in AutoCAD, Visualization
Preparation of drawings

Feb 2013 - Sep 2016
Technical Analyst –
Schmitz Cargobull Russland (Moscow, Russia)
Technical support of service partners,
Writing Excel Macros with VBA

Education

Feb 2018 - May 2018
Data Mining, Predictive Analytics and Big Data course (Grade A),
Advanced Python Programming
New York University | New York, NY

2015 - 2016
Financial Management
Higher School of Economics | Moscow
Course in statistics and Python

2008 - 2014
Mechanical engineering
Peoples' Friendship University of Russia | Moscow
Bachelor degree

Professional Skills

Frameworks
Django
Flask
Angular 6

Database
MySQL
PostgreSQL
Google Firebase

Languages
Python
JavaScript
HTML/CSS

Other tools
AWS S3, BeanStalk   GitHub
Bootstrap   ML packages Python
Heroku

Fully Responsive

1

noyardstick.org

Tools: Django, Django REST Framework, Angular, PostgreSQL

The goal of this project was to build a responsive website, using the old WordPress website and its database.

The website has a subscription system, comments, flash messages, search system, and many useful plugins, such as Disqus, Toaster, etc.

On the back-end the website has RESTful API based on Django REST Framework, on the front-end Angular 6.
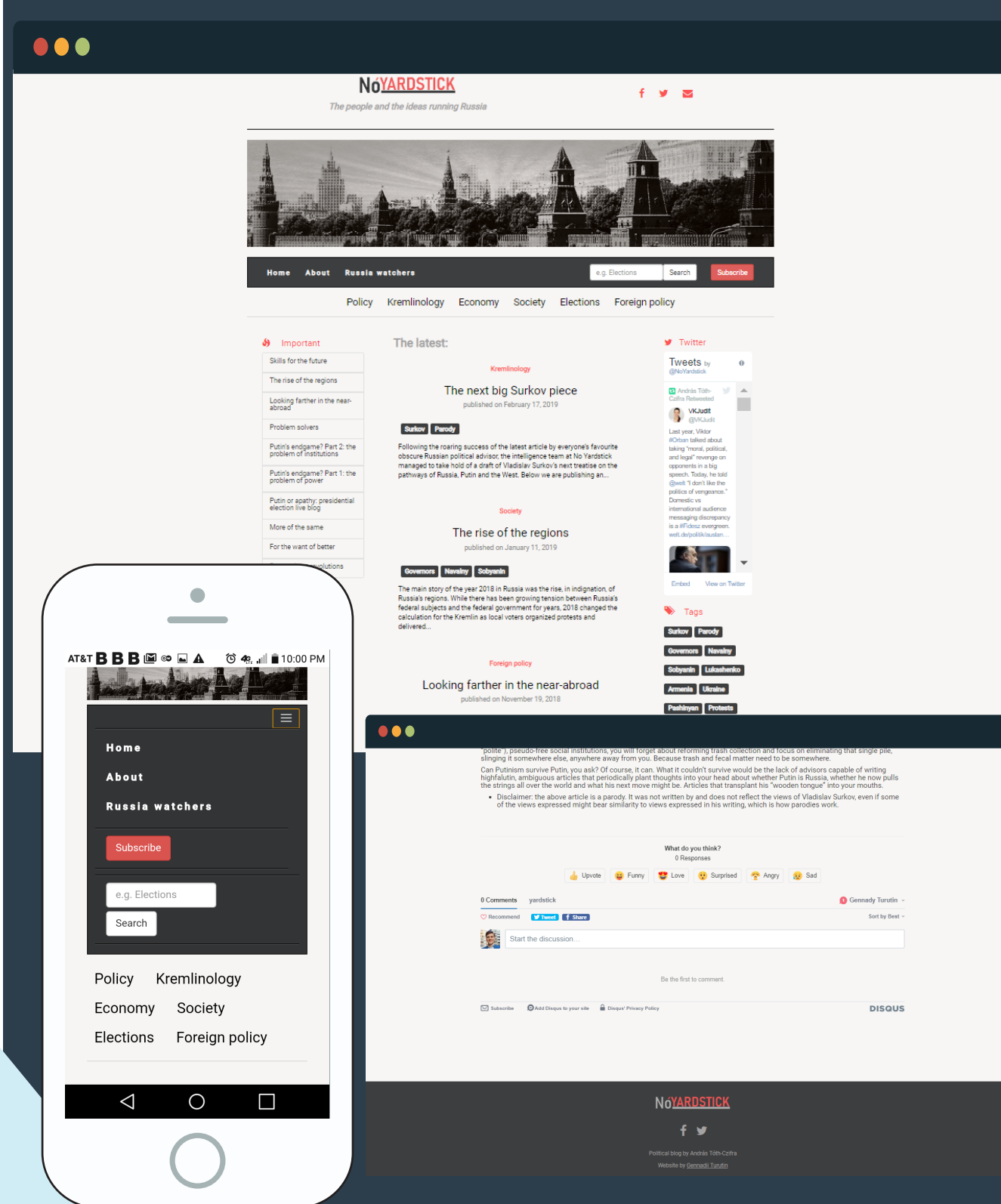
The interaction between front-end and back-end happens through module service.ts that is imported into all other components.

To improve the performance I went for Ahead-of-Time compilations.

The material is stored with PostgreSQL.

In the beginning I developed my own Custom User Model with Django, but eventually chose Disqus plugin, as it allows for easy authorisation with Facebook and Twitter.

RESTful

Fully Responsive

RESTful

turutin.net

2
turutin.net

Tools: Flask, MySQL

I needed my personal website where I can publish posts. In this case my main focus was on back-end, that's why I didn't employ any JavaScript framework. I chose Flask as it gave me a great degree of freedom and allowed for experiments. I developed everything from the ground up. It has comments, login/register system, email service, etc.

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What is this blog for?

I started this blog with the sole purpose of learning Flask in practice. It's for your consideration whether to look upon the blog as a good source for starting learning Flask. As I would love to share my experience with others, I'm going to publish posts on Flask and Python and would be elated to receive any critique. Feel free to copy any material published here or in my GitHub repository. My intention is to further this blog and make it more mature and thought-out.

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CHECK THE BLOG ON GITHUB

About me

Hey! My name is Gennadii, and I love web development! I do it with Flask, Django, and MEAN! Check my Github profile! If you like the content of the

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turutin.net

MENU ☰

🏠

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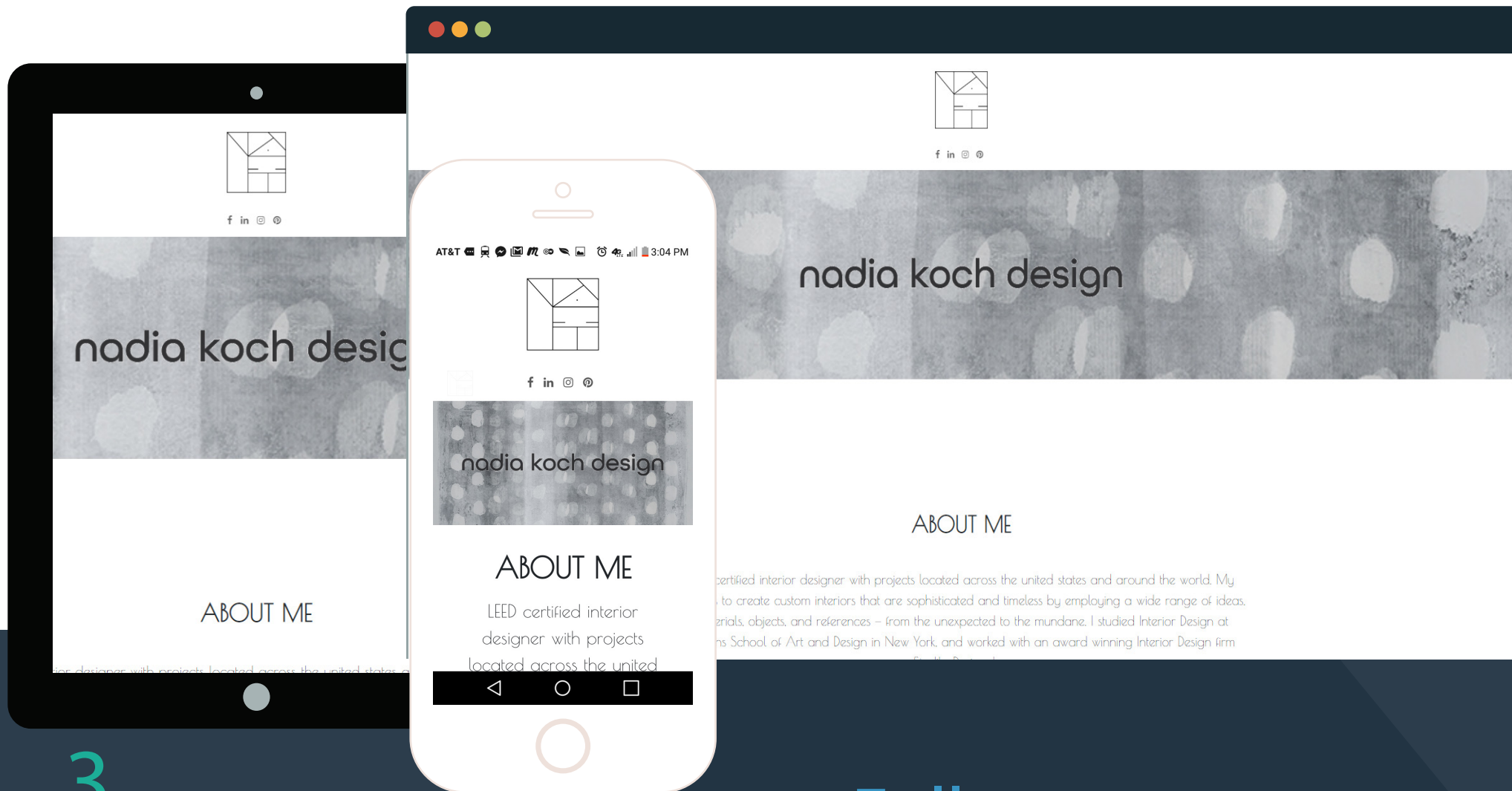
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nadia koch design

ABOUT ME

3

Tools: Django, JQuery

The client wanted to have a simple and responsive website, that will look stunning both on PC, and mobile devices with an embedded Instagram feed. For integration of Instagram I chose Lightwidget. There are fading effects on the website, that were achieved with JQuery. Later on, there will be an online store of furniture added to the website.

Fully
Responsive

4

Fully Responsive

fpy.herokuapp.com

Tools: Flask, Bootstrap

That was my first website that I built. The choice fell on Flask.

The website asks for a stock ticker (e.g. AAPL for Apple, TSLA for Tesla), then uses Quandl to get request time series data, processes with numpy and finally visualizes it with pygal.

The website has login/register system and was built with RESTful principles in mind.

Pygal is supported only in Chrome.

RESTful

Finpy

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e.g., AA

Get data

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Open: 173.68 High: 175.15 ; Low: 166.92 Close: 168.34; Volume: 38962839.0

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API
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