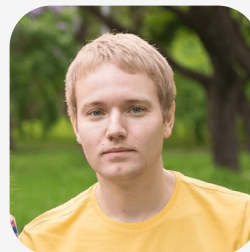# IGOR DUBOVIK

*PYTHON/DJANGO DEVELOPER +
REACT/REDUX*

Web Software Engineer on top of Python/Django with React/Redux knowledge and information security background. Open Source contributor.

Github: [wardal](#)
Linkedin: [Igor Dubovik](#)

Skills Technologies

Python/Django	PostgreSQL/MongoDB	Ubuntu/Arch/Centos
FastAPI/Flask	Redis/Memcached	Gunicorn/uWSGI
DRF/Tastypie	Apache Pulsar	nginx/Traefik/Varnish
Django Oscar, Shuup, Saleor	0MQ / RabbitMQ	DigitalOcean, Linode
React/Redux	AWS SQS/SNS	Docker/Vagrant
pytest/unittest/mocking	Kesque and DataStax	GitLab CI/CD
e2e/Robot Framework	Kibana/ElasticSearch	Github Actions

Experience

Milo Solutions
07.2017-current time
FullStack Web Developer (Python/Django + React)

Company products and services development with Python/Django and FastAPI frameworks;

Usage of SQL PostgreSQL/MariaDB and NoSQL MongoDB/Redis databases;

API backends with Django + DRF or Tastypie and FastAPI;

Search engine with Lucidworks Fusion and FastAPI bridge;

Punchout implementation, NetSuite and WebMethods integration;

Caching with python cache and Redis/Memcached;

Async tasks with Celery and RQ;

Message communication with Apache Pulsar, ZeroMQ (0MQ), RabbitMQ;

Amazon AWS SNS/SQS and S3;

Logging with python core logger or loguru with Datadog, Kibana/Elasticsearch integration;

Debug with DDT and Silk, SQL through ORM optimization;

Tests with pytest/unittest, a lot of mocking, e2e, Robot Framework;

Virtualization with Docker, Compose or Vagrant;

GitLab CI/CD and Github Actions usage;

Template engine is Jinja2 mostly and a little of Django templates;

Static with LESS/SCSS through Gulp and Bower;

Reactive UI with React and Redux, forms from scratch or React Hook Form;

Servers configuration with nginx/uWSGI/Gunicorn, Varnish, DB sharding, node balancing;

Cloud deployment of containerized applications with K8s and AWS EKS.

Web Developer and Webmaster (freelancer)
01.2016-06.2017
Python/Django, PHP (1C-Bitrix) development. Analytics.

E-commerce shop development on top of Python and Django Oscar;

Project manager of CRM and control system for stretch ceilings production company;

Websites and internal services development on 1C-Bitrix;

Web servers configuration on DO and Linode (LAMP/LEMP/Nginx+uWSGI);

Advertising: AdWords, Yandex Direct, Facebook;

SEO audits and analytics with Google Analytics and Yandex Metrika;

"Nulled" group, security research
Information security specialist, penetration tester

2010-2015

Search for vulnerabilities in web-services and 3rd party software according to "black" and "white" box methods, preparing reports;

Testing servers for misconfiguration;

Hands-on and automated testing using Kali Linux, BurpSuite, OWASP ZAP, Acunetix, Nikto, jSky, Havij, SQLMap, Nmap;

Remove viruses, redirects, mobile-only redirects, frames from the infected sites;

Traffic analyze using Wireshark;

Close study of carding, methods of obtaining data - phishing, skimming, data decryption and how to confront it;

Search and abuse phishing domains, scripts for email-spam, etc.

ArcelorMittal Ukraine, Kryvyi Rih
Project Manager (Specialist for Projects Implementation)

03.2015-12.2015

ArcelorMittal is a multinational steel manufacturing corporation headquartered in Avenue de la Liberté, Luxembourg.

People management according to project tasks, documentation and patent research;

Development of blooming operators advisor on Python and ASP.Net MVC;

Software development for RTOS QNX;

Technological process model development on Matlab/Simulink;

Development of microcontroller for remote data transmission from different industry equipment.

HeidelbergCement Ukraine, Kryvyi Rih
System Administrator and PLC developer

11.2014-03.2015

HeidelbergCement is a German multinational building materials company headquartered in Heidelberg, Germany.

Server hardware maintenance (IBM/Dell servers);

Windows Server administration and Linux OpenSUSE as a server for spectrograph of the flow;

ESXi virtualization configuration;

Siemens and Schneider Electric controllers programming;

Maintenance of Schenck Process Weighbridges;

FLSmidth ECS managing.

Language Skills

English	Ukrainian	Russian
Upper-Intermediate	Native language	Fluent

Education

Postgraduate Student
Faculty of Information Technology
Control Systems and Automation
Kryvyi Rih National University

11.2011-11.2014

Master's Degree Diploma with distinction.📜 Faculty of Information Technology Control Systems and Automation Kryvyi Rih Technical University	09.2010-06.2011
Bachelor's Degree Diploma with distinction.📜 Faculty of Information Technology Control Systems and Automation Kryvyi Rih Technical University	09.2006-06.2010

Training Certification

Mail.ru Group course "Web application penetration testing" 🔓 Certificate with distinction;
Yandex.Direct certification Certificate;
Yandex.Metrika 💹 certification Certificate;
1C-Bitrix training at dev.1c-bitrix.ru. Certificates: configuration, optimization, integration, administration;
System administrator training and contest by Ideco Company. Certificate 2011, certificate 2012.

Hobbies/Free Time

Family 👨‍👩‍👧‍👦, music🎵, wakeboarding 🏄, football ⚽, PS4/5 🎮, personal projects.

Regards, Igor Dubovik
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