CV

Sokolik Grigorii

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About

I am a backend developer with more than 10 years of experience. Most of the time I more or less dealt with **PHP**. Last 5 years I actively use **Go**. **I have accepted pull requests in PHP source and big opensource projects both on PHP and Go (like codeception, etcd etc.) and some contributions to Linux coreutils.** Also I have a bit of experience of managing up to 5 members remote development team.

Experience

October 2022 – Present: Smartly.io (Data Engineer)

Goals & achievements
- Adopted kafka-connect to the company, with allowed to reduce backend services integration process form more than month to 2 days.
- Adopted Strimzi kafka operator to provide zero-cost Kafka-as-a-Service for development environmnt.
- Developed and implemented TypeScript code generator to enforce analytical events structure and integrate with Segment tracking plan.

Thechnology & infrostructure stack
Python, TypeScript, SQL, DBT, Kubernetis, Kafka, Kafka-connect, Debezium, Ansible, Aiflow
Development & management tools & services
Git, Github, Github Actions, Atlassian products, NeoVim, JFrog products

September 2019 – September 2022: Smartly.io (Software Engineer)

Thechnology & infrostructure stack
PHP, TypeScript, JavaScript, React, Angular, Docker, Kubernetes, Ansible, Redis, RabbitMQ, PostgreSQL, MongoDB
Development & management tools & services
Git, Github, Jenkins, Github Actions, Atlassian products, JetBrains products, JFrog products

July 2019 – September 2019: Kurshi Games (Backand advisor)

Thechnology & infrostructure stack
GCP, GCE, GKE, Golang, PHP, Docker, Kubernetes, Redis, RabbitMQ, PostgreSQL, Kafka, Vertica, Appache Airflow
Development & management tools & services
Git, Gitlab, Google Cloud Builds, Vim

February 2019 – May 2019: Acronis (Senior developer)

Thechnology & infrostructure stack
Linux, OpenVZ, Docker, Kubernetes, Ansible, Percona, RabbitMQ, Golang, Python, Nginx
Development & management tools & services
Jenkins, PyPi, Git, Vim, Atlassian products, JetBrains products

October 2017 – January 2019: AVITO (Senior developer)

Goals & achievements
- create fast, scalable and flexible analytic tool for professional users (very similar to google analytics)
- increase stability of several applications
- begin to lead team (solve internal problems, watch out for motivation etc...)

Thechnology & infrostructure stack
Linux, Docker, Kubernetes, PostgreSQL, Vertica, ClickHouse, MongoDB, Reddis, RabbitMQ, Kafka, Golang, PHP7, PHP-FPM, Nginx
Development & management tools & services
Composer, Git, Vim, Atlassian products, JetBrains products

May 2016 – October 2017: Ronte Limited (Team lead)

Goals & achievements
- create project's core architecture (secure chat + p2p calls)
- manage tasks for my programmers
- review code
- manage continuous integration tools
- deploy

Thechnology & infrastructure stack
   Linux, Docker, Kubernetes, MongoDB, ZeroMQ, Reddis, Golang, PHP7, PHP-FPM, Nginx
Development & management tools & services
   Jira, Jenkins, Composer, Git, Bitbucket, Vim

August 2015 – May 2016: Delivery club LLC (Senior developer, mobile API expert)

Goals & achievements
- refactor ugly cms-like code, implement basic MVC patterns
- develop and integrate new oauth-like security policies
- provide unit-test coverage
- provide guaranties of backward compatibility to previous API versions
- solve daily problems

Thechnology & infrastructure stack
   IBM WebSphere, CentOS Linux, MySQL, RabbitMQ, Elastic search, Memcached, PHP, PHP-FPM, Nginx
Development & management tools & services
   Jira, Confluence, Vagrant, Puppet, TeamCity, Capistrano, Composer, NewRelic, Kibana, Git, Github, Vim, PhpStorm

Aplil 2015 – August 2015: Badoo LTD (Senior developer, billing)

Goals & achievements
- Migrate some payment system integration's from oldstyle PHP4 code to modern ones
- Solving daily problems

Thechnology & infrastructure stack
   . . . (NDA-protected Virtualization level), Suse Linux, Mysql, Memcached, CPQ (Cross-Platform-Queue): NDA-protected prortietary Mysql-based queue, C/C++ daemons, RRD, PHP, PHP-FPM, Nginx
Development & management tools & services
   Jira, Confluence, google infrostructure, TeamCity, Splunk, self-written tools, Git, Subversion (they really use both), Vim, PhpStorm

August 2013 – March 2015: LLC GENES1S INTELLECTUAL SOLUTIONS (Lead developer)

Goals & achievements
- Development management of closed indoor ERP system for binary options and bets companies.
- Management group up to 5 developers
- Dealing with designers
- Participation in negotiations with clients to introduce products and discuss technical issues

Thechnology & infrastructure stack
   Linux, Mysql, Redis, Memcached, Python (with NumPy/SciPy & Pandas), PHP, PHP-FPM, Apache/Nginx (I've made the migration), Javascript, ExtJs, JQuery (I've made the migtration from ExtJs)
Development & management tools & services
Development & management tools & services
   RedMine, Subversion/Git (I've made the migration), Vim, PhpStorm

May 2013 – June 2013: Bradbury Lab LTD (Developer)

Goals & achievements
   Development of server-side video stream management application
Thechnology & infrastructure stack
   Linux, **MongoDB**, **Memcached**, **Python**, Akashi (Django-based frameworke), **UWSGI**, **Nginx**
Development & management tools & services
   Issue tracker (I don't remember was is Jira or Redmine, but deffinitely one of them), VCS (I'm really don't rememger what it was), **Salt**, **Vim**, **PyCharm**

August 2012 – May 2013: Probusiness bank JSC (Web developer)

Goals & achievements
Developing backend web applications:

- http://yourcredithistory.ru

- http://smartmarket.net

Thechnology & infrostructure stack
Debian Linux, PostgreSQL, Memcached, Python, Django, Gevent, Flask, UWSGI, Nginx
Development & management tools & services
Jira, Confluence, Git, PyCharm, Vim, NumPySciPy & Pandas (for analytical models experiments, was not used in production)

March 2012 – July 2012: 101XP (Social game porting engineer)

Role
I used to localize apps, that has been bought from foreign developers and integrate it with social networks.
Goals & achievements
- **Zombie Lane** – porting social game from Facebook (http://www.facebook.com) to Hyves (http://www.hyves.nl)

- **Wasteland Empires** – portingsocial game from Facebook (http://www.facebook.com) to Vkontakte (http://www.vk.com) and Odnoklassinki (http://www.odnoklassniki.ru)

Thechnology & infrostructure stack
Debian Linux, Mysql, Memcached, Java, Tomcat, CoachDB, Redis, Python, Tornado, ActionScript
Development & management tools & services
Redmine, google infrostucture, Subversion, Eclipse

February 2011 – February 2012: Game-Insight LLC (Junior programmer, programmer, fullstack developer)

Projects
- **Funzay** – high load social network, container for flash games

  - developing some services

  - HTML markup

- **Game-insight** – official company's site

  - core developing

  - developing services

Thechnology & infrostructure stack
Gentoo Linux, PostgreSQL, Memcached, PHP, PHP-FPM, Nginx, Javascript, HTML, CSS, Android
Development & management tools & services
Jira, Subvrsion, Git (for Android repositories only), Eclipse, PhpStorm

March 2009 – November 2010: Euroinvest LLC (Programmer of IT-department)

Goals & achievements
- developing extensions for MetaStock

- creating models for trading strategies

Thechnology & infrostructure stack
Windows Server 2008, Microsoft SQL Server, C/C++, STL, Boost
Development & management tools & services
Visual Studio

Education

2005-2010 – MSU, department of mechanics and mathematics

Core skills

- Knowledge of OOP programming paradigms like SOLID

- Knowledge of main design patterns like Singletone, Abstract Factory, Dependency Injection and so on

- Practicing extreme programming development methodology, for instance TDD or BDD patterns

- Knowledge of main software development workflows like Agile, Kanban

Management Basics

- Jira
- Redmine

Programming abilities

- **Python 2.x / 3.x**
  - asyncio
  - Django
  - Tornado
  - Twisted
  - Flask
  - Gevent
  - SciPy/NumPy/scikit-learn
  - Pandas
  - unittest/unittest2
- **GO Lang**
- **ShellScript/Bash**
- **Memcached**
- **Redis**

- **PHP 4/5.x/7.x**
  - Silex
  - Symfony 2/3/4/5
  - Yii
  - CakePHP
  - Composer
  - XDebug
  - PHPUnit
- **Queues**
  - ZeroMQ
  - RabbitMQ

- **SQL DBMS**
  - MySQL
  - PostgreSQL
  - SQLite
  - H2
- **NOSQL**
  - MongoDB
  - Cassandra
  - CoachDB
  - Reddis
  - Elastic
  - Vertica
  - ClickHouse

Other abilities

- ability to use **git**, **mercurial** or **subversion** version control systems
- strong experience of usage **Docker**, **Docker Compose**, **k8s** and **Helm**
- experience of usage **TeamCity**, **Jenkins**, **Travis** and **Github Actions** CI
- ability to impose in **LaTeX**
- fluent english
- several skills in **Java** (**Maven**, **Spring 4**, **GWT/Ext GWT**, **JUnit**)
- several skills in **Android** development
- several skills in **Javascript** (**JQuery**, **Lodash**, **React**, **Redux**, **Backbone**, **Bootstrap**, **ExtJs**)
- several skills in **C/C++** (**CMake**, **gtest**, **boost/test**, **boost/asio**) development and **linux** administration

Contact information

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