

## Veselin Petrov Penev

Python Programmer / Software Engineer / Back-end Developer

Netherlands, Amsterdam

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### PROFESSIONAL EXPERIENCE

Senior Software Engineer, **KPN Digital**, Amsterdam, February 2016 till now,

<https://kpn.com>

- Driving transition of mission-critical business applications to AWS cloud
- Developing of `api.kpn.com` in the context of different business projects
- Take part in Continuous Integration / Continuous Delivery pipelines of software releases
- Build and maintain a high-loaded online web services for complex MDM solutions
- Support on-line services for accessing sensitive data and managing commercial discounts for 11M+ of Dutch customers
- Work as a part of Agile Scrum team with best practices, constantly improving working cycle
- Coaching and training of employees, participation in community organization

Full-stack Developer, **CallFeed.NET**, Saint-Petersburg, March - August 2015

- Built a WEB-widget increases online sales - a mobile Call-Back service for web-sites
- Developed a back-end server to manage users' accounts and process on-line traffic
- Integrates a third-party service thru remote API calls to manage mobile calls

Lead Developer, **BitDust**, 2011 - 2015, <https://bitdust.io>

- Continuous developing safe and independent peer-to-peer anonymous data storage network
- Working on documentation, road map and development plan for the project
- Introduced a new solution for complex software development using visualized state-machines: <https://bitdust.io/visio2python/>
- Participated in Blockchain-related conferences/meet-ups, study of contemporary data privacy issues
- Establishing business relations in order to build non-profit international organization

Software developer, **DataHaven.NET LTD**, Anguilla, 2008 – 2010

- Developed distributed on-line backup software written in Python
- Set up distribution processes and data recovery on unlimited set of nodes
- Successfully launched and tested the new solution for encryption and data protection
- Built domain registration system for “.ai” zone, owned by the Government of Anguilla
- Implemented on-line payments using credit cards through 4CSOONLINE.COM gateway, by a Caribbean Bank
- Designed and built a client part of the EPP protocol, according to RFC 5730 specification
- Provided information support to the Government of Anguilla
- At the moment more than 150K domains are registered in the “.ai” TLD zone

Software engineer, **New Information Technology in Aviation**, Saint-Petersburg, 2003–2007, <https://nita.ru/en/main>

- Developed 3D visualization systems for a complex flight simulator
- Participated in development of flying control training system which was successfully installed at the training center in Ankara, Turkey
- Responsible for development of airport ground marking zone generator and support database
- Developed a GEO-information software for map creation and management
- Take part in hardware installation process in several Airports in Russia

Software Manager, **Konsultant Plus**, Legal Center Nevskiy, Saint-Petersburg, 2000 - 2001

- Responsible for supporting and updating normative documents database on clients machines
- Provide support and access to normative documents
- Attracting new clients and distributing the legal software

## QUALIFICATIONS & SKILLS

### *Programming languages :*

**Python** (10+ years), C++ (3 years), JavaScript (2 years), PHP (1 year), Java, Perl, Pascal, Basic, Lisp, Assembler, Bash

### *Version Control, Co-Working, Scrum :*

**Git**, GitLab, GitHub, SVN, **Jira**, TeamLab, Toggl, Trello, **Slack**, **Bitbucket**, **Jenkins**, DevOps

### *3D development :*

**OpenGL**, NVIDIA-Shaders, CgToolkit, OpenSceneGraph

### *Operating Systems :*

Experienced **Windows/Mac/Unix** user, 12+ years of experience with UbuntuServer administration. Posses experience in creating and distributing cross-platform applications, including Linux Debian, Windows MSI and Android Apps on GooglePlay Market

### *Front-End / Android development :*

**REST**, JavaScript, HTML5, CSS3, Bootstrap, JQuery, AngularJS, Open ID, Facebook API, Google API, Twitter API, Vkontakte API, Odnoklassniki API, **Kivy**, Buildozer, Python-for-android, GooglePlay SDK

### *Back-End development :*

**Apache2**, Nginx, Twisted, **Django** (7+ years), Tornado, FastAPI, WAMP, phpMyAdmin, NodeJS, Postfix

### *Cloud experience :*

**Kubernetes**, Rancher, **AWS**, Micro-services, **Docker**

### *CMS experience :*

WordPress, OpenCart, Joomla!, KB Parallels (Plesk), OpenStreetMap, OpenERP, XenForo, PHPBB

### *DB related :*

MySQL, JSON, XML, **PostgreSQL**, SOAP

### *DevOPS :*

Sentry, Grafana, AppDynamics

### *Keywords :*

**SCRUM**, Agile, **Python**, C++, JavaScript, JQuery, CSS3, HTML5, AngularJS, Git, Subversion, Software Development, Software Engineering, Multithreading, **Peer-to-peer**, Distributed Systems, OOP, **Algorithms**, Templates, Eclipse, PyDev, Visual Studio, Networking, Network Design, Network Architecture, **Twisted**, Tornado, **Django**, XML, JSON, JSONP, JSON-RPC, 3D, 3D Rendering, OpenGL, Big Data, Backup Solutions, Online Backup, Linux, Unix, **Ubuntu**, Debian, Apache2, SSH, Security, Kubernetes, **Docker**, Information Security, **Data Privacy**, Cryptography, Bitcoin, Blockchain, Smart-contracts

### *Social profiles :*

GitHub: <https://github.com/vesellov/>

LinkedIn: <https://www.linkedin.com/in/bitdust/>

StackOverflow: <https://stackoverflow.com/users/673033/veselin-penev>

## EDUCATION

**MS**, Applied Mathematics and Computer Science

Saint-Petersburg National Research University of **Information Technologies**, Mechanics and Optics, <http://en.ifmo.ru/>

510200 "Applied Mathematics and **Computer Science**", 2006

## **CERTIFICATIONS**

Amazon Web Services **Solutions Architect Associate**

Issuing authority: Amazon Web Services (AWS)

Issued date: March 2020

Credential ID: **L32Q0692PN11193K**

## **CURRENT STATUS**

I am an enthusiastic but pragmatic Python developer. Also I enjoy playing with finite state machines, cryptography, blockchains and distributed network technologies.

At the moment working full-time in Amsterdam at KPN – leading Dutch Telecom company.

Considering to make a new careere step and take new challenge in the future, looking for an exciting work opportunities.

I am a citizen of the European Union and ready to travel if necessary.

## **LANGUAGES**

- English
- Russian
- Bulgarian

## **ABOUT ME**

- Responsible, honest, friendly and enthusiastic person
- Vigorous father of three children and happy husband
- My hobbies are: a healthy lifestyle, football, tennis, ski & snowboard, concert music