

Alexey Dobrushskiy

Date of birth: 24 dec 1985

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Education:

Nizhny Novgorod State University,
Radiophysics faculty, 2010.

Master's degree

Specialization: radiophysics and electronics, acoustic department.

Online courses: Udacity - Algorithms, Intro to Computer Science, Web Development.

Coursera - Databases, Algorithms Part I, Coursera - Blockchain, Coursera - Full Stack Web Development, Coursera - Blockchain specialization.

Product-oriented full stack application developer

I understand the needs of a business and doing my best to satisfy these needs using technologies I am skilled at. I have experience of building products from scratch, including products based on new technologies, previously unknown to me. I can effectively choose technology for project/product, and not limiting with technologies I am familiar with. Can clearly communicate to both team and product owner/business owner, trying to help business achieve its targets using technologies I develop.

My toolchain:

Current:

- Python, Django, Aiohttp, asyncio, ES6, React, Redux

In past:

- C, C++, a little bit of PHP, a little bit Java

In future:

- Go

Professional experience

02.2019 – till now “Alex D Software development” (<http://dobrushskiy.name>), “Toptal” (<http://toptal.com>), Upstack (<http://upstack.co>) Full Stack Software engineer

- Helping my customers to develop/improve/maintain software for their businesses needs.
- Python/Django/React/Redux/Any tech stack upon request.

02.2019 – 09.2019 “Pastel network” ([Coin Central review](#)) with “Toptal” (<http://toptal.com>), Full Stack Software engineer

- Developer wallet desktop application (based on Electron JS) using React/Redux for the custom cryptocurrency
- Improved blockchain part of the system using Python3, asyncio and aiohttp
- Developed a couple of supplementary services for the system (like storage for the data which should not be stored in the blockchain) using Django and Django Rest Framework.
- Integrated wallet application with local blockchain node using Bitcoin RPC interface.
- Developed local API for additional blockchain part (on top of bitcoin-based blockchain) using Python3 and asyncio.
- Technologies: Django, Docker, React, Redux, Electron JS, Bitcoin RPC API

06.2018 – 12.2018 “IntelligiChain” (<http://intelligichain.com>), Software engineer

- Developing back-end and Python client application for security video-recognition system for one of our customers (Python/DjangoRestFramework, ffmpeg/video streaming).
- Blockchain-based system for tracking car accidents/mileage/service records (Javascript, Java (Spark), Solidity, RemixIDE)

03.2015 – 06.2018 “Revel Systems Point of Sale” (<http://revelsystems.com/>), Fullstack backend engineer

- Have developed several customer-visible features, which are successfully used in production. Have implemented complex integration (>15 different interfaces) of Revel backend with one of top 3 customer's system. Solution is already used on production systems.
- Python/Django/Tastypie, Javascript/Backbone/Marionette, PostgreSQL/PLPGSQL, React.JS/Redux

03.2014 – 03.2015 “Artezio” (www.artezio.com), Senior Python developer

- Switching website from Django+Django templates to Django-CMS platform. Developing several Django-CMS custom plugins
- Python/Django/Django-CMS, Javascript/JQuery, PostgreSQL/PLPGSQL

05.2013 – 01.2014 “ASD Technologies” (www.asdtech.co), Senior Python developer/Technical leader

- Successfully developed cloud system for taxi services (Gett-like) for a side customer combining roles of senior developer and scrum master.
- Python/Django/Tornado/PostgreSQL (API server)

09.2010 – 05.2013 “MFI Soft”(www.mfisoft.ru, www.aloe-systems.com), Software developer/Lead software developer/System architect

- New functionality development and sustain of product in domain of legal phone calls control (Lawful interception product). (Client-server application working on Linux and HP-UX, working with Oracle or PostgreSQL DBMS. Working both with client and server parts.) Tools: C++, GCC, Shell, Python (second two were mostly for private purposes, not for production).
- Design of new features of distributed system. System include 2 Databases(Oracle EE, Oracle SE) with lots of stored procedures, gateway between them(C++ application), GUI(on Java Swing) and module of decoding and uploading data(also C++ apps),

08.2005 – 08.2008 MERA(www.meranetworks.com/), Nortel Network (<http://www.nortel.com/>) contractor. Software developer.

Responsibilities :

- Sustain of IP phones firmware(Nortel IP hones). Tools: C++.
- Development, sustain and testing of Nortel GSM HLR. Tools: PROTEL(Internal Nortel language), Java(For testing purposes).

Languages:

English - fluent

Russian – native speaker

Others

Married.

Have valid US B1/B2 visa, schengen visa either. No pernicious habits at all.