Nikolay Panov

Software Engineer, Python Developer

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Summary

I'm an experienced software engineer. I had worked for Apple, Nortel and other large enterprises, as well as for small startups. I have more than eight years of Python programming experience and eleven years of overall professional programming experience. I have been a solo full-stack developer (building websites/web services from scratch) and been a part of a big multinational distributed team (as a team member and as a team leader).

My code is well-written, well-tested and maintainable for years, also I am product-minded (care about the product, not just about the code).

Favorite tech stack: Python, Django, DjangoRestFramework, Celery, Redis, PostgreSQL, VueJS.

Work History

Python/Django Developer (V)   2017 - Currently

SIS, Inc (vendor/contractor in Apple, Inc) - Sunnyvale, CA

Work as a full stack developer on an internal project.

Responsibility: architect, develop and maintain backend and frontend parts of a distributed web application. Maintain tests coverage, some DevOps.

Tools: python, django, django-rest-framework, celery, pytest, git, linux, postgresql, redis, ansible, jquery, backbonejs, vuejs.

Python/Django Developer, Engineer III   2011 - 2017

Upwork (formerly oDesk, upwork.com) - Remote or Mountain View, CA

I was involved in a number of internal Upwork's projects and in projects for Upwork's customers, performing the following services:

- [team member] Review tool for linguistic quality evaluations
  - Development and maintenance of backend service;
- [team lead] Tool for linguistic knowledge exchange and issues reporting
  - Development and maintenance of backend service;
- [solo developer] Automatic screenshot capturing tool
  - Development of Chrome extension;
- [team lead] Configuration, assignment and role management tool
  - Support and maintenance for one of the core services of client's infrastructure;
  - Design and implementation of bootstrapping for development environment;
  - Design, implementation and maintenance of two generations of APIs;
  - Design, implementation and maintenance of two generations of authentication/authorization subsystems;
  - Integration with internal and external network services;
  - Implementation and improvement of automated tests.

Responsibility: taking care of internal heavy used web-services, leading two small teams of developers, participation in cross functional projects, developing backend modules, web-UI, REST API, growing TTD.

Tools: python, django, git, linux, selenium, mysql, memcache, jenkins, vagrant, ansible, sphynx, tastypie, jquery, backbonejs, bootstrap, GAE

Python/Django Backend Engineer   2011 - 2011

World News (wn.com) - Remote contract

I was in charge of developing and support of 56 travel-related sites, like dubai.com. My main work area is backend tasks (python/django), plus some rare frontend (javascript) tasks when ours frontend designers were experiencing troubles.

I have re-written almost all backend code and has increased overall site performance for about 600%. I have also integrated some external APIs, e.g. Expedia API, Viagogo API, Cartrawler API, Viator API, etc.

Tools: linux, python, django, git, jQuery, lighttpd, nginx, jenkins, memcache, redis, postgresql

Information Technology Engineer   2005 - 2011

MERA NN (mera.com) - Russia or Aliso Viejo, CA

MERA is an outsourcing company with gave me an experience of working with such big companies as Nortel (http://en.wikipedia.org/wiki/Nortel) and TCS (http://www.telecomsys.com/).

- Nortel HLR Project (UK)

  Responsibility: design and documentation of Nortel GSM HLR (http://en.wikipedia.org/wiki/Home_Location_Register#Home_location_register_.28HLR.29) components, support.

  While being on "Feature Prime" position, I lead a team of engineers and have successfully delivered "Location-based services" year-long feature on schedule.

  While being "Support Prime", I have managed a team of engineers and had provided prompt fixes to issues found by our customers.

  While being "Knowledge Transfer Prime", I have documented most of our expertise in the HLR development/support and successfully presented it to remote team of IBM India as a series of screencasts.

  Tools: PLS, CVS, Protel, NortelSOS, UNIX, Linux.

- Nortel LinuxBase Project (CA)

  The Nortel Linux Base is an integral part of Nortel Communication Server platform which is a server-based, full-featured IP PBX and supports unified messaging, customer contact center, IVR, wireless VoIP and IP phones.

  I've been responsible for Linux Base server's components development and support.

  Tools: Perl, Linux, ClearCase.

- Networks In Motion (USA)

  NIM was a Californian startup company specializing in wireless navigation solutions for global positioning system-enabled mobile phones. In 2009 NIM was acquired by TeleCommunication Systems.

  I have been responsible for support and development of NIM server's components: VZNav (http://en.wikipedia.org/wiki/VZ_Navigator), NBI (http://news.vzw.com/news/2010/09/pr2010-09-20d.html) and others.

  I have successfully delivered Bing Geo API Integration feature.

  Tools: Python, Linux, Perforce, SOAP, REST.

Education

University degree
Lobachevsky State University of Nizhny Novgorod (unn.ru)

I have a university (5 years) degree in applied informatics which is alike of B.S. in C.S.

My university has H+ class in anabin.de database which means it could be easily evaluated.

Skills

Python

7+ years of professional experience, 11+ years of casual experience

Django

9+ years of professional experience, 12+ years of casual experience

VueJS

1+ years of professional experience

Linux

15+ years of Linux usage, I have desktop usage experience, server setup and maintenance experience, some DevOps experience

Git

7+ years of professional experience

PostgreSQL/MySQL

10+ years of using PgSQL and Mysql, some SQL experience, some ORM usage experience

Docker

I have just started use Docker in my pet projects

MongoDB

I have just started use MongoDB in my pet projects

US Work Authorization

As a legal permanent resident (green card holder), I am eligible to work for any employer in the US.