

# Nikolay Panov

📍 Santa Clara CA  
📞 (424) 645-7483  
✉ [hire@npanov.com](mailto:hire@npanov.com)

Software Engineer, Senior Python Developer

## 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. Enforce best practices, some DevOps.

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

### 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

## Software Engineer

2005 - 2011

[MERA NN \(mera.com\)](#) - Russia or Aliso Viejo, CA

MERA is an outsourcing company that gave me an experience of working (as a vendor/contractor) with such big companies as Nortel (<http://en.wikipedia.org/wiki/Nortel>) as well as NIM (<https://www.crunchbase.com/organization/networks-in-motion>) series C startup company.

I have started my career as a paid undergrad intern in the Support team working on fixing bugs in Nortel company backlog, then got promoted to **full-time SWE** position as a head of Support Team. Eventually, I've got promoted to an **SWE Team Lead** position in the HLR Core team, managing a group of 20 SW and QA engineers.

**Personal accomplishment:** successful delivery of the "Location Services 2.0" feature on which I was in charge. "Location Sevices" feature was initially designed to help emergency services (like 911) to detect a caller location. My team's job was to make that feature available to everyone. E.g., to make family members be able to locate each other, even using a phone without GPS.

As Nortel has transferred the development to IBM India contractors, I've been in charge of Knowledge Transfer activity. During which, I have documented most of our expertise in HLR development/support and successfully delivered it in a series of training sessions.

I have moved to a position of **Python SWE** in the NIM team working on the backend part for some vendor-specific navigation software solutions, e.g., Verizon Navigator, Cricket Navigator, etc. The work included an occasional on-site presence in NIM's HQ (Aliso Viejo, CA, USA).

**Personal accomplishment:** successful delivery of the "Bing Maps REST API integration" feature on which implementation I was in charge. It was about the integration of our backend software with the new Microsoft Bing Maps REST (initially, SOAP) API to provide users with the POI information layer. After the feature delivery, our mobile software users become able to see (and search) local businesses, gas stations, tourist attractions, and so on.

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.

## US Work Authorization

---

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