

Nikolai Golub

Amsterdam, Netherlands | +31.616.69.42.03 | nikolay.v.golub@gmail.com | <http://golub.pro>

Software Developer

Proficient in python, javascript and web technologies. Broad knowledge of application development life cycle. Open to new technologies. I can pick a right tool for a given problem. Follow best practices: unit testing, code review, documentation. Always seek for ways to improve existing things. I can understand business values and goals, which allows to effectively communicate with stakeholders. Think proactively and responsible for meet deadlines and maintain good motivation. Active open-source community contributor.

Education

| | |
|-------------|--|
| 2006 - 2012 | Saint Petersburg National Research University Of Information Technologies, Mechanics and Optics (ITMO University) - Saint Petersburg, Russia Specialist in Information Security |
|-------------|--|

Additional Training and Certificates

| Year | Course |
|------|---|
| 2016 | Advanced Data Structures in Java on Coursera |
| 2015 | Data structures: Measuring and Optimizing Performance on Coursera |
| 2015 | Object Oriented Programming in Java on Coursera |
| 2015 | M101P: MongoDB for Developers on MongoDB, Inc. |
| 2015 | Machine Learning on Coursera |
| 2015 | Cryptography I on Coursera |
| 2014 | Algorithmic Thinking on Coursera |
| 2014 | Principles of Computing on Coursera |

Work Experience

| Years | Job |
|--------------------------|---|
| May. 2017 | <p>Booking.com - Amsterdam, Netherlands Booking.com is a travel fare aggregator website and travel metasearch engine for lodging reservations. Software Developer</p> <ul style="list-style-type: none"> • Back end development of guests and partners facing web sites • Run and analyze A/B tests on • Roll out new code to production systems |
| Apr. 2015 - Apr. 2017 | <p>Toptal - Remote Toptal is an exclusive network of the top freelance software developers and designers in the world. Software Developer</p> <ul style="list-style-type: none"> • Full-stack development of the admin portal for EverCharge, electric vehicle charging company. Technologies: Flask, PostgreSQL, Celery, AWS • Back end development of REST API control layer for Civinomics, crowd-sourced polling platform. Technologies Django REST Framework and MySQL • Full-stack development of the web portal for Walkio pet care services company. Technologies: Django framework, PostgreSQL DigitalOcean • Front-end development for Staffmatch, french outstaffing company. Technologies: React.js, Redux and ES6 |
| Aug. 2014 - Jul. 2015 | <p>Positive Technologies - Saint Petersburg, Russia Positive Technologies is a leading provider of vulnerability assessment, compliance management and threat analysis solutions. Software Test Engineer</p> <ul style="list-style-type: none"> • Development automated tests for several subsystems of Application Firewall • Consultation for performance testing <p>Achievements</p> <ul style="list-style-type: none"> • Introduced Selenium-based Web-UI testing • Improved testing process by moving vulnerable applications into Docker containers. |

| Years | Job |
|-----------------------|---|
| Aug. 2012 - Feb. 2014 | <p>Dino Systems - Saint Petersburg, Russia DINS (DINO Systems) is an R&D center of RingCentral, Inc. (USA) - leading provider of cloud-based business telephone system for small and medium businesses.</p> <p>Senior Performance Test Engineer</p> <ul style="list-style-type: none"> • Full process of performance testing from feature understanding and test planing to running developed tests and data analysis • Development automated performance tests for SOAP API (C#) and Telephony system (Python) • Strong collaboration with Operations and Dev teams for fast problem solving and improving testing process <p>Achievements</p> <ul style="list-style-type: none"> • Suggested, designed and developed web portal for aggregation performance test results. It reduced the time spent on report creation by 30 percent. Based on Django framework, PostgreSQL, Celery and AmCharts. |
| Jun. 2011 - Aug. 2012 | <p>Devexperts - Saint Petersburg, Russia Devexperts is a financial software provider of professional software systems for on-line brokerage, exchange, and financial activities mostly on stock, options, and Forex markets.</p> <p>Performance Test Engineer</p> <ul style="list-style-type: none"> • Performance tests configuration, run, validation and data analysis • Administration of test environment in Amazon AWS <p>Achievements</p> <ul style="list-style-type: none"> • Developed program for automatic collection and processing of results from performance tests. It decreased human errors and data loss • Designed and successfully ran performance tests for an industrial monitoring system on a tight schedule. |

Skills Summary

- **Languages:** Python, Perl, Javascript, Java
- **Frameworks:** Django, Flask, SQLAlchemy, Django REST Framework, React, Redux
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Technologies:** Linux, Git, Mercurial, Nginx, Apache, Docker, Amazon Web Services, Heroku, Jenkins, PyCharm, Vagrant

- **Other:** HTML, CSS, OOP, Design Patterns, TCP/IP, SQL, HTTP, REST, Web Security, Git Flow

Personal Projects

- [PyJTT](#). (Jira Time Tracker) - Cross platform desktop application for time tracking in Atlassian JIRA. Based on PyQt and Python 3
- [Kidstat](#). Web application that provides categorisation of child growth standards, using world health organisation data. It is built on top of Flask, MongoDB and ReactJS