



## Personal

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📄 <https://linkedin.com/in/ngolub>

🔄 <https://github.com/citizen-stig>

📄 <http://stackoverflow.com/users/995270>

## Skills

### Languages

Python, Java, Rust, JavaScript, Perl.

### Frameworks

Django, Flask, SQLAlchemy, React.js, Dropwizard.

### Databases

PostgreSQL, MySQL, MongoDB, Hive, Elasticsearch, Cassandra, Redis, MongoDB.

### Technologies

Linux, Git, Nginx, Docker, Kubernetes, Amazon Web Services, Hive, Junit, Maven, Graphite, Grafana, Apache Oozie, Apache Kafka.

### Other

SQL, HTTP, HTML, REST, Web Application Security, Continuous Integration, Agile Methodologies, Object-Oriented Programming, Service-Oriented Architecture, A/B Testing.

# Nikolai Golub | Software Developer

Software developer with experience in agile product companies. T-shaped knowledge: focus on software development, strong in infrastructure and business needs. Expert in Python, competent in Java, Rust and JavaScript. Achieve velocity by improving quality and following best practices: automated testing, code review, documentation. Would like to work in a company that regularly delivers a valuable product and grows by innovation.

## Experience

### Software Developer

[Booking.com](https://www.booking.com)

May 2017 - Present

**Technologies:** Perl, Java, MySQL, Kubernetes, Apache Kafka, Cassandra.

- Reduced cancellations related customer support tickets by 20% by implementing a set of A/B experiments.
- Improved performance of entrepreneurial partners by integrating cancellation policy recommendation model.
- Completed full API integration with tours & activities providers, which increased transactions by 10%.
- Contributed to community driven projects: Python libraries, developer tools.

### Software Developer

[Toptal](https://www.toptal.com)

April 2015 - April 2017

**Technologies:** Python, Django, Flask, SQLAlchemy, JavaScript, PostgreSQL, React.js, Amazon Web Services, Docker.

- Developed web portal from scratch for EverCharge. It has automated billing, customer signup and payout logic. Increased number of automated tests from 0 to around 500 for faster delivery.
- Decreased cost of monthly billing by migrating to Stripe for EverCharge.
- Established SMS communication between customers and pet walkers using Twilio for Walkio.

## Other

**Software Test Engineer** at [Positive Technologies](https://www.positive-technologies.com)

2014 - 2015

Improved regression testing by introducing Selenium automated tests for Web UI of Web Application Firewall.

Technologies: Python, Docker, Nginx, OWASP, MongoDB.

**Senior Performance Test Engineer** at [Dino Systems](https://www.dinosystems.com)

2012 - 2014

Reduced the time of creating a performance test report by 30% by suggesting, designing and developing a web portal for test results. Based on Python and Django, PostgreSQL, Celery and AmCharts.

Technologies: Python, JavaScript, C#, PostgreSQL, Django.

**Performance Test Engineer** at [Devexperts](https://www.devexperts.com)

2011 - 2012

Developed a software for automatic collection and processing performance tests results. It decreased human errors and data loss.

Technologies: Amazon Web Services, Python, MySQL.

## Education

[ITMO University](https://www.itmo.spb.ru), Saint Petersburg, Russia.

Master's Degree in Information Technology; 2006 - 2012.