

# IGOR POLYAKOV

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## WORK EXPERIENCE

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### Kupibilet

Saint Petersburg, Russia

*Backend Engineer*

*Nov 2018 – Jul 2023*

- Worked on account service improvements, personal data and card data storage and processing. Stack: Go / MySQL / Iris / GORM.
- Improved the messaging service. Stack: Go / RabbitMQ / Iris. Implemented i18n for messages using Gobuffalo Push.
- Developed from scratch an information system for the "seat selection" service. Stack: Go / Gin / OpenAPI.
- Supported and developed a service for working with bank cards, necessary to comply with PCI DSS norms. Stack: Go / Mux / Redis / AES
- Participated in PCI DSS audit, implemented security tools like Nancy for safe user data handling.
- Developed and improved the existing API for booking and selling air tickets. Stack: Ruby 2 / MongoDB 3.
- Implemented and supported integrations with payment systems (Tinkoff, Checkout.com, YooKassa, Pay2Me). Stack: Ruby / Dry-\* / PSQL / Roda / ROM.
- Connected and operated online cash registers, generating fiscal documents. Stack: Orange Data / Ruby.
- Added monitoring and visualization of application and infrastructure performance, including graphs, alerts, and custom metrics. Stack: Prometheus / Grafana / Elasticsearch / Logstash / Kibana / Sentry.
- Implemented tools and approaches for internationalization of the main API. Stack: Rails-i18n / Lokalise.com / Weblate.org / I18n-tasks.
- Solved tasks related to the introduction of continuous integration and continuous delivery (CI/CD), writing scenarios for static analysis, testing, and deploying code to test servers. Stack: Self-hosted GitLab / Traefik / Docker / Docker-compose / HAProxy.
- Supported the API for generating landing pages (SEO). Stack: Ruby 2 / Rails 5 / MongoDB 3 / Bootstrap.
- Supported and developed parsers needed for business, such as price parsers, IATA objects, etc. Stack: Ruby / Selenium / Curl.
- Supported and developed the search suggestions service (suggest). Stack: Elixir / Cowboy.
- Supported internal tools that facilitate developers' lives. Stack: Crystal / JIRA-API / GitLab-API / Slack-API.

### Elecard

Tomsk, Russia

*Software Engineer*

*Aug 2017 – Nov 2018*

- Improvements to the existing project Boro Elecard. Stack: Rails 4 / jQuery.
- Development of an internal service for generating and managing digital certificates (X.509). Stack: Rails 4 / OpenSSL.
- Development and support of JRPC server. Stack: Plain Ruby.

## EDUCATION

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**Tomsk State University of Control Systems and Radioelectronics**

Tomsk, Russia

*Engineer in Automation and Production (Computer Vision); Computer Systems*

*Sep 2010 – Jan 2015*

**Institute of Strength Physics and Materials Science SB RAS**

Tomsk, Russia

*Postgraduate in Computer Science and Engineering; Computer Science and Engineering*

*Sep 2015 – Jan 2017*

## SKILLS

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**Programming Languages:** Go, Ruby, Elixir, SQL **Technologies:** Linux, Git, Docker, PostgreSQL, MongoDB, CI/CD  
**Languages:** Russian (Native), English (Elementary)

## CERTIFICATES

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Asynchronous Architecture Course, School of Strong Programmers, 2022