



# Pavel Syrovatskii

Software Engineer



## Executive Summary

**Software engineer** with over 3 years experience in commercial development and 6 years experience in IT. Comprehensive knowledge and experience in the development of various services, database design, automation of integration tests and infrastructure management.

There is a positive experience and willingness to work in multinational and multilingual teams.

## Major competencies

- Erlang programmer
- Software engineer
- Full-stack developer

### Expert in:

- Software Development
- Knowledge of IT business processes
- Database design
- Scrum framework

## PRIMARY TECHNOLOGIES AND TOOLS

**Languages:** Erlang OTP, C/C#, Python, Ruby

**Cloud Technologies:** AWS Services

**Database:** PostgreSQL, DynamoDB, MySQL

## Education

2021 – 2023	ITMO University, St. Petersburg <i>Bachelor of Science, Programming engineering and computer science</i>
2020 – 2021	Universitat Pompeu Fabra (UPF), Barcelona <i>Exchange program, Computer Engineering</i>
2017 – 2021	ITMO University, St. Petersburg <i>Bachelor of Science, Programming engineering and computer science</i>

## Professional growth

2019	Reksoft <i>Erlang programming courses</i>
2017	ITMO University, St. Petersburg <i>Soft skills development program</i>



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## Professional experience

**2021 – present**

### **Reksoft Ltd**

**Position: Software Engineer**

#### **AlertLogic**

Vulnerability Assessment

#### **Technologies:**

Erlang/OTP, Python, Ruby, SQL, GitHub, AWS, Jenkins, Swagger

#### **Responsibilities:**

- Develop, test and implement new software components
- Integration with other system services
- Resolve complex technical design issues
- Fast fix for detected defects.
- Improve integration test coverage
- Code legacy processing

**2020 – 2021**

### **ITMO Labs**

**Position: NLP Programmer**

**Project:** «Natural Language Processing Methods in Emotional Detection Applications»

#### **Project details:**

Development of data processing methodology for better recognition of emotional implication. Analysis of different data pre-processing methods has been carried out, which may improve the accuracy of the final result.

#### **Technologies:**

Python, NLTK, Scikit-learn, React.js

#### **Responsibilities:**

- Analysis of modern methods of data prevention
- Single algorithm development
- Data verification



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2019 – 2020

**Reksoft Ltd**

**Position: Associate Engineer**

**Project: «Cross-platform highly loaded systems»**

**Project details:**

Work on the creation of a service for automatic data migration from the outdated system to the new platform.

**Technologies:**

Erlang/OTP, Python, AWS, Git

**Responsibilities:**

- Component Design
- Analysis and synchronization of data format in old and new systems
- Development and documentation
- Software Configuration Management
- Testing
- Monitoring



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