

# Nihad Abbasov

Junior Software Engineer

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## Contact

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### Address

Riga, Latvia

## Technical Skills

### Programming Languages

Python, JavaScript, TypeScript

### Backend

REST APIs, FastAPI, Express.js

### Frontend

React, Next.js

### Databases

PostgreSQL, SQLite

### Tools & Technologies

Git, Docker, Web Scraping, Automation, Prisma, Telegram Bot Development, Excel

## Languages

Azerbaijani

Russian

English

Turkish

## Summary

Computer Systems student at Riga Technical University with hands-on experience building automation tools, scraping pipelines, and user-focused software products. Currently working as a Data Analyst at DNS Pay, automating payment processor workflows in Python and administering PostgreSQL databases. Developed RTU Schedule Bot, which reached 100+ users in its first week by simplifying access to university schedules from a multi-step portal flow into a one-click Telegram experience. Also built CarSensor MVP, a full-stack platform for collecting, processing, and browsing vehicle listings. Strong interest in backend development, APIs, automation, and practical problem-solving. Seeking a Junior Software Engineer opportunity to build reliable, useful products and grow in a professional engineering environment.

## Experience

**Data Analyst - DNS Pay** 2026 May - Now Python, PostgreSQL, Automation, Data Analysis

- Build and maintain Python automation for payment processors, streamlining data collection, processing, and reporting.
- Administer PostgreSQL databases, ensuring data integrity, performance, and reliable access to transaction data.
- Analyze processor and transaction data to support operational decisions and reporting.

## Projects

**RTU Schedule Bot** 2026 Apr. - Now Python, Telegram Bot API, APIs, Web Scraping, Automation

- Built a Telegram bot giving RTU students one-click access to class schedules, replacing a tedious multi-step portal login flow.
- **Reached 100+ users in the first week**, demonstrating clear user demand and practical value.
- Designed as a foundation for future expansion into a full-scale application.

**CarSensor MVP** 2026 Node.js, TypeScript, Express, Next.js, PostgreSQL, Prisma, Web Scraping

- Built a full-stack MVP for scraping, processing, and browsing used car listings.
- Developed a scraping workflow that collects and normalizes Japanese vehicle data, served through a JWT-protected backend API.
- Built a responsive frontend with filtering and pagination, forming an end-to-end system from data collection to delivery.

## Education

### Bachelor of Computer Systems

Riga Technical University

2025 - 2028