

MIKHAIL STUKALOV

Software Engineering Intern

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PROFESSIONAL EXPERIENCE

TRANSPIT NORTH-WEST

Software Engineer Intern

Jul 2025-Sep 2025

- Created and implemented containerized production infrastructure (Docker, Nginx, Let's Encrypt SSL) that serves more than 500 monthly users on transpit.ru with no downtime reported.
- During a three-month internship, I created a bespoke admin panel for real-time application log monitoring and designed the entire company website from scratch using Flutter and Dart.
- Eliminated unauthorized access vectors across all endpoints by implementing an end-to-end authentication solution that includes JWT login, secure cookie handling, and domain setting.
- Authored a technical specification that sped up team alignment and project launch by converting business requirements into precise engineering tasks. The specification was more than twenty pages long.

Document Processing Operator

June 2022 – July 2022

- Processed and screened a large number of application materials, making sure that data entry was correct and that internal HR intake guidelines were followed.
- Worked cross-functionally with employees to reduce processing bottlenecks by streamlining document review operations.

PROJECTS

Website "TRANSPIT"

- Created a cross-platform business website using Flutter and Dart, attracting more than 500+ monthly users.
- In addition to frontend inspections, server-side CAPTCHA validation was implemented to strengthen security. Full domain routing and SSL certificates were set up end-to-end. Unique admin panel for real-time log monitoring.
- Reduced the design-to-deployment cycle to less than three months by independently designing the whole user interface from idea to production.
- [Website Link](#)

AuthEventManager

- Engineered a production-grade REST API in Java 21 and Spring Boot covering event discovery, seat booking, cancellation flows, and admin analytics dashboards.
- Secured all endpoints with JWT authentication and role-based access control via Spring Security, with full PostgreSQL persistence through Spring Data JPA / Hibernate.
- Integrated Elasticsearch to power fast, scalable full-text event search; documented 15+ API endpoints using Swagger / OpenAPI for seamless developer onboarding.
- [Repository Link](#)

EDUCATION

GRIFFITH COLLEGE DUBLIN

Dublin, Ireland

Bachelor's Degree in Computing Science (Honours)

2023-2027

NUST MISIS (The National University of Science and Technology MISIS)

Moscow, Russia

Bachelor of Engineering, Major in Computer Science; minor in Applied informatics;

2022-2023

ADDITIONAL INFORMATION

- Languages: Java, Dart, Docker, PostgreSQL, HTML, CSS, Git, English (Fluent), Russian (Native)
- Tools/Frameworks: Spring Boot, Flutter, Postman, Jira, REST API Design, Security