# Nikita Rusetskii

Java Backend Developer

[rusetskii.dev](rusetskii.dev)
[github.com/xtenzQ](github.com/xtenzQ)

Irkutsk, Russia
[rusetscky@outlook.com](mailto:rusetscky@outlook.com)

**Core Competencies**

*Java, Groovy, Spring, Hibernate, Apache Solr, MySQL, Git, Docker, JIRA, Confluence, Python*

**Languages**

*Russian - native, English - advanced*

## EXPERIENCE

- **KMS Lighthouse** ⇗ — Remote
  *Backend Developer* — *Jan 2022 - Present*
  - Working in an international team to bring the best user experience of knowledge access;
  - Developing and supporting the search system of the product;
  - Stack: Java, Groovy, Spring, Hibernate, Apache Solr, MySQL, Git, Docker, JIRA, Confluence.

- **Transneft Technology** ⇗ — Irkutsk, Russia
  *Fullstack Developer* — *Oct 2020 - Jan 2022*
  - ECM systems development including backend and frontend;
  - IBM FileNet platform integration development;
  - Documentation writing;
  - Stack: Java, JavaScript, Dojo, Groovy, Spring, GWT, Git, IBM FileNet, IBM WebSphere, Confluence, JIRA.

- **ISPsystem** ⇗ — Irkutsk, Russia
  *Backend Developer Intern* — *Feb 2020 - Apr 2020*
  - Practiced GoLang in backend development;
  - Learnt git and unit-testing;
  - Assisted in VMmanager import service development;
  - Stack: Go, Docker, Git.

## PROJECTS

- **FlowExpert AI** — Irkutsk, Russia
  *Invited Machine Learning Researcher* — *Jan 2022 - Present*
  - Development of a self-learning semantic structuring module for drug and consumable nomenclature databases with support functions for intelligent query processing;
  - Supported by the Foundation for Assistance to Innovations (VEB.RF Group);

## AWARDS

- **KIEE 52nd Summer Conference** — Pyeongchang, South Korea
  *KIEE Graduate Students' Outstanding Paper Award* — *Jul 2021*

- **JunctionX Seoul 2021 Hackathon, Satellite Image Analysis Track** ⇗ — Seoul, South Korea
  *Third Place* — *May 2021*

- **IEEE Seoul Student Paper Contest 2020** — Seoul, South Korea
  *Bronze Award* — *Dec 2020*

- **JunctionX Seoul 2020 Hackathon, Satellite Image Analysis Track** ⇗ — Seoul, South Korea
  *Third Place* — *Oct 2020*

# Research

- **The Impact of the Energy Storage System Operation Strategy on Power Grid Reliability Generators on System Reliability**  Q4, Scopus — *Dec 2021*
  Beopsoo Kim, Dayoung Lee, Nikita Rusetskii, Konstantin Shusterzon, Denis Sidorov, and Insu Kim

- **The Optimal Allocation of Distributed Generators Considering Fault Current and Levelized Cost of Energy Using the Particle Swarm Optimization Method**  Q2, Scopus — *Jan 2021*
  Beopsoo Kim, Nikita Rusetskii, Jo Haesung, Insu Kim

# Education

- **Irkutsk National Research Technical University**  Irkutsk, Russia
  *Information Science and Computer Engineering*  *Sep 2014 - Jun 2024*

  - Got BSc (2014 - 2018), MSc (2018 - 2020), summa cum laude;
  - Currently enrolled for a PhD program (2020 - 2024) under supervision of prof. Denis Sidorov researching cyber-physical systems management of distributed microgrids using machine learning.

- **Inha University - 인하대학교**  Incheon, South Korea
  *Information and Communication Engineering, Exchange Program*  *Sep 2019 - Dec 2019*

  - Participated in exchange program with one of the top Korean universities where I studied Computer Science-related courses during semester