

JAKUB GALAT

FULLSTACK ENGINEER, +48696386316, JAKUB.GALAT1@GMAIL.COM

PROFILE Highly competent Software Engineer with 5+ years of professional experience and over a decade of independent programming practice. Skilled in designing large-scale software architectures, debugging, and reducing operational costs while maintaining high-quality and reliable systems. Proficient in backend and infrastructure development with expertise in a wide range of technologies and methodologies. Adept at managing the full software development lifecycle, from design to deployment and maintenance.

SKILLS

- **Programming Languages:** Java, Kotlin, Python, TypeScript, JavaScript, SQL
- **Frameworks/Tools:** Spring, Hibernate, React, Angular, AngularJS, ELK, Kafka, Redis, RabbitMQ, Swagger, Kubernetes
- **Databases:** MSSQL, MongoDB, Cassandra, PostgreSQL
- **DevOps & Cloud:** Docker, Terraform, CI/CD (Jenkins, Bitbucket Pipelines), AWS
- **Software Practices:** TDD, Clean Code, Agile/Kanban Development, JOOQ

EXPERIENCE FULLSTACK ENGINEER, GOLDMAN SACHS Warsaw, 2020-2023

- **Backend Development:** Focused on Java Spring and infrastructure optimization for large-scale financial systems.
 - **Data Modeling:** Created complex DBMS data models and optimized queries using ORM tools.
 - **DevOps Practices:** Deployed CI/CD pipelines and managed AWS cloud infrastructure, ensuring consistent delivery.
 - **Maintenance:** Led debugging efforts on a 10-year-old legacy project, improving code quality and system reliability.
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FULLSTACK ENGINEER, XTB Warsaw, 2023-2025

- **Async Event Architecture:** Designed a scalable architecture using asynchronous SQS queued events to handle computational-heavy scenarios efficiently.
 - **Performance Improvements:** Designed and implemented a hot standby replica architecture, reducing request times by 80%.
 - **Reactive Microservices:** Maintained and debugged communication with multiple domain layered services.
 - **Team Leadership and Management:** Had an opportunity to manage a team of developers and negotiate practical solutions with the product team.
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EDUCATION B.S. IN COMPUTER SCIENCE AND ENGINEERING

Warsaw University of Technology | Faculty of Electronics and Information Technology
2018 - 2022

- **Honors:** Chancellor's Scholarship (Top 8% of students in field, Winter 2017 & Spring 2018).
 - **Thesis:** Differential Evolution Algorithm using Artificial Neural Network as a surrogate model for loss function approximation (Python, Keras).
 - **Activities:** Member of GameDev student science club - Polygon Warsaw.
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ADDITIONAL INFORMATION

- Proficient in English (C1 level).
- Passionate about continuous learning, problem-solving, and mentoring team members.
- Guitar and drums player, sometimes I like to sing.