

# Anton Bardishev

Blog: mrabar.me

Portfolio: abar.lv

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## GENERAL

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Passionate software engineer with a drive for constant learning and improvement. Prefer the “evolution over revolution” approach, working on the backend, and “owning” my code. Looking for long-term projects with possibilities for learning and deepening knowledge in the domain area. Not afraid of complicated or legacy systems.

## EDUCATION

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- **TU Berlin** Berlin  
*Bachelor of Science in Computer Science (in German)* Sep. 2013–Aug. 2018

## PROFESSIONAL EXPERIENCE

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- **C.T.Co** Riga, LV  
*Senior Java Developer* Feb. 2022–Present
  - **Financial reporting team** (2023–present): Work with an over-engineered event-driven architecture in Kubernetes on Microsoft Azure.  
Removing extra steps and services to streamline data flow and improve system reliability. Migration of team projects out of the live mono repository, adjustment of Azure DevOps pipelines.  
Work on regular business-related tasks involving, mostly, SQL queries and transfer of Avro records to Kafka.
  - **“Subject Matter Expert”** (2023–present): Evaluating CVs from a technical point of view, conducting screening interviews, and promotion assessments.
  - **Core Security Operations team** (2022): Work on business-critical IAM system with Sailpoint.  
Defining and adjusting business processes with XML-based rule engine, creation of new libraries. SQL performance analysis and tuning. Work on system audits and compliance with security requirements.
- **Swedbank Latvia** Riga, LV  
*Software Engineer / Scrum Master* Nov. 2018–Feb. 2022
  - **Software engineer** (2018–2022): Corporate Loans solutions for Baltic countries. All the steps needed to give out a loan to a legal entity.  
Work on modern Spring + Hibernate services with Angular.JS frontend. Implementation of new features, bug fixing, optimization of Hibernate queries.  
Work with a legacy project written with custom in-house web and persistence-layer framework. Support, development, incident investigation, root cause analysis. Optimization of large data inserts with JDBC. Found a way, proposed, and executed migration to a modern technological stack with the least possible effort. Remade service uses Spring Boot, extended Spring Web layer, and Spring Data on the OpenShift cluster.
  - **Scrum Master** (2020–2022): Onboarding for new colleagues. Facilitation of Scrum events and ceremonies. Work on the improvement of collaboration across the teams. Work on improving the development culture in a team.
  - **Notable achievements**: “Extra Mile Award 2019”; “Knowledge Sharer Award 2020”
- **HERE** Berlin, DE  
*Student - Software Developer* Dec. 2014–Aug. 2018
  - **Prototyping**: Creating test tools for the Quality Assurance team. Creation of RESTful services with Spring / Node.js and MongoDB with AngularJS frontend. Developing Python glue code. Deploy to Amazon EC2 services.
  - **Continuous Integration / Continuous Delivery**: Support and integration of GoCD, Jenkins, and GitLab pipelines and projects. Development of plugins, and performance testing utilities. Root Cause Analysis and issue investigation. Support and communication with TestDroid cloud.
  - **Special Assignments**: Code translation from Ruby into Python with no knowledge of Ruby. HTTPS-calls interception to analyze which of our APIs were used by the Maps application in a freshly released Windows 10.
- **An outsource company** Riga, LV  
*iOS developer* Summer 2012
  - **Mobile development**: Creation of various games, utility apps, and a location-based sports app. Designing pixel-perfect UI from Photoshop templates.
- **Progmeistars** Riga, LV  
*Programming Teacher* Summer 2012
  - **Pascal**: Teaching basics of programming in Pascal. Language constructs, loops, arrays, algorithms. 2 groups, with 3 hours of lessons each week for each - 1 hour of theory, 2 hours of practical work.

## SOFTWARE ENGINEERING

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- **Problem-solving:** Track record of coming up with a solution for presented software development-related problems within a given time, performance, or maintainability constraints. Experience integrating legacy and modern solutions. Prefer a methodic and systematic approach, which helps with root cause analysis and evasive bug investigation. Value original documentation over StackOverflow, and avoid chatbots as a matter of principle.
- **Java:** Worked with every LTS version from Java 6 to Java 17, and had experience in upgrading the codebase to any new version, starting from Java 7 → 8 migration. Experience in dealing with Java-Jakarta EE-related migration challenges.

Projects ranging from XML-configured Spring Framework 3 on IBM WebSphere to the latest Spring Boot 3 + Spring 6. Hobby projects including Jakarta EE, Quarkus, and Helidon SE.

REST API, Thymeleaf, JSF, XSLT templates, generation of Excel and PDF documents, extending Spring Web to create a custom rendering layer to support migration from legacy projects.

Persistence with Hibernate, JPA, Spring JDBC, QueryDSL, jOOQ. Performance testing with pure JDBC. Also worked with proprietary in-house JDBC-based frameworks.

- **Oracle DB:** Had experience working with legacy codebases with lots of Oracle PL/SQL stored procedures. Worked on complex (normal and Hibernate-generated) query performance analysis. Performance tuning for batch inserts on large volumes of data.
- **PostgreSQL:** Mostly worked with basic relational table functionality, but also wrote stored procedures and custom aggregation functions in PL/pgSQL, and solved tasks requiring window functions.
- **Python:** Experience creating CI/CD-related tools and utilities, such as performance testing wrapper for JMeter with reporting capabilities. Studied basics of Machine Learning with NumPy, SciPy, and Pandas. A brief experience in creating web services with Flask.
- **JavaScript:** Frontend logic using Vanilla JS / AngularJS / Vue. Favorite language for solving programming puzzles on Codewars.
- **DevOps:** Experience setting development and testing pipelines up in GoCD, Jenkins, Azure DevOps. Custom plugin creation for GoCD and Jenkins. Integration with SonarQube, NexusScan, Aqua Scan. Adoption of Shift Left practices. Some level of Linux knowledge, can write Bash and Python scripts.
- **Security:** Experience with OAuth 2.0, JWT, LDAP integration. Setting up SSO with Kerberos in Spring. Experience securing artifacts, work with vulnerability scanning tools. Read OWASP and security researchers.
- **Documentation:** Familiar with Javadoc, Markdown, AsciiDoc. Maintaining project documentation in Confluence. UML (PlantUML), C4, Crow's Foot ERD notations. Diagrams with Draw.io and Archimate.

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- **Kotlin:** Basic experience from when the language just came out.
  - **Elixir:** Got interested due to Joe Armstrong's Ph.D. Thesis on Concurrency Oriented Programming, now learning basics of Elixir and Phoenix framework in free time.
  - **C:** Hobby projects such as game development with SDL2.
  - **Pascal/Delphi:** First programming language I learned. Created several games and a physics simulator using Pascal, learned form creation with Delphi.

## LANGUAGES

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**Russian:** Native; **English, German:** Full professional proficiency; **Latvian:** Elementary proficiency.

## ADDITIONAL NOTES.

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This CV is meant to span one printed page. You may find more information (conference synopses or my bachelor thesis) in my blog, or some projects in my portfolio (linked above). Also, I am always open to honest feedback.