

Konstantin Tenman

Senior Software Engineer
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PROFILE

I have eight years of experience as a software developer, with a focus on Java. I commit to teamwork, building applications that undergo rigorous testing and seamless delivery. I love researching and staying updated with the latest technologies. I'm always searching for ways to improve my skills and make my work better.

PROGRAMMING SKILLS

- **Programming Languages:** Java, TypeScript, Python, Kotlin **Technologies:** Spring Boot, Angular, VueJS, Hibernate, JUnit, Mockito, WireMock, Kafka
- **Tools:** AWS, PostgreSQL, Docker, Git, Maven, IntelliJ, Redis **DevOps:** GitLab CI/CD, GitHub Actions, Amazon ECS, Docker Swarm, Jenkins
- **Languages:** English, Estonian, Russian

EXPERIENCE

- **Cybernetica** Tartu, Estonia
Software Architect Jul 2024 - Present
 - Leading the development of a new product, focusing on the design and implementation of a microservices architecture using Spring Boot and Kotlin.
 - Collaborating with the product owner to define the product roadmap and ensure alignment with the company's strategic goals.
- **University of Tartu** Tartu, Estonia
Teaching Assistant Aug 2022 - Present
 - Teaching courses on Object-Oriented Programming in Java, Web Application Development, and Enterprise System Integration, contributing to the academic growth of students.
- **Bankera** Tallinn, Estonia
Senior Software Engineer Jun 2022 - Jul 2024
 - As a key member of the Know Your Customer (KYC) team, I have led the development and maintenance of microservices using Spring Boot and Java (versions 8 to 21), utilizing databases like Postgres and testing tools such as Mockito, Wiremock, and AssertJ. My contributions have been instrumental in building robust, scalable, and effective solutions for financial services regulatory compliance.
- **Monese** Tallinn, Estonia
Technical Lead Engineer Sep 2021 - Jun 2022
 - Led the refactoring of a monolith into single-responsibility microservices within the Payments team. Spearheaded the architectural design of a strong customer authentication (SCA PSD2) solution and facilitated regular brainstorming sessions to foster team innovation and problem-solving.
 - Played a pivotal role in interviewing and onboarding new team members, significantly contributing to team expansion and development.
- **Monese** London, United Kingdom
Technical Lead Engineer Jul 2020 - Sep 2021
 - Systematically improved software performance and reduced operating costs, achieving a 50% reduction in monthly operating expenses for a critical application.
- **Monese** London, United Kingdom
Software Engineer Mar 2019 - Jun 2020
 - Identified and resolved production issues, significantly increasing revenue. A particular solution for a single customer uncovered a substantial profit gap.
 - As a member of the Pricing team, I delivered new annual pricing functionality on time and without significant issues, and led research on decomposing a monolithic application into single-responsibility microservices.
 - In the Joint Accounts team, I was responsible for designing and developing the core logic of the Joint Accounts feature.

- **Monese** Tallinn, Estonia
Software Engineer *Oct 2017 - Mar 2019*
 - Enhanced micro-service scalability by segregating database read and write operations.
 - Successfully migrated 120M payments to a new queue-based Java micro-service, reducing the average response time from 60ms to 5ms.
 - Introduced Angular 5 for internal tooling and improved seamless deployment on Amazon AWS.
 - Designed and developed a micro-service for Recurring Payments with a test coverage of up to 80%.
- **Codeborne** Tallinn, Estonia
Software Developer *Apr 2017 - Oct 2017*
 - Developed responsive internet banking websites for major banking clients, including Bank "Saint-Petersburg" and the Czech online bank Expobank.cz.
 - Enhanced team productivity and software quality by promoting best practices through code reviews, pair programming, and test-driven development.
- **Knowit** Tallinn, Estonia
Software Developer *Jun 2016 - Apr 2017*
 - Recognized as Employee of Q4, 2016 for outstanding contributions.
 - Developed a full-stack, web-based application enabling users to create and search for services via Google Maps.

EDUCATION

- **Tartu University** Estonia
Master of Science (MSc) in Computer Science; GPA: 4.79/5; cum laude
 - Master's Thesis: "AI-Powered MMSE: Enhancing Cognitive Assessment"
 - Recipient of Achievement and Specialisation stipends.
- **Tallinn University** Estonia
Bachelor of Science (BSc) in Computer Science; GPA: 4.73/5; cum laude
 - Bachelor's Thesis: "The Development of a Self-study Web Application Using Angular and Spring Boot"
 - Recipient of Achievement and Specialisation stipends.