

# Konstantin Tenman

Software Architect  
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## PROFILE

Experienced Java developer with 8 years of expertise in architecting scalable, high-performance applications. Skilled in driving projects from concept to deployment, I excel in collaborative teamwork and rigorous testing processes. Leveraging cutting-edge technologies, I optimize development workflows and enhance code quality. Passionate about staying ahead of industry trends, I deliver innovative solutions that exceed expectations and advance organizational goals.

## 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

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- Tartu University** Estonia  
*Master of Science in Engineering (Computer Science); cum laude, GPA: 4.79/5*
  - Master's Thesis: "AI-Powered MMSE: Enhancing Cognitive Assessment"
  - Recipient of Achievement and Specialisation stipends.
- Tallinn University** Estonia  
*Bachelor of Science in Engineering (Computer Science); cum laude; GPA: 4.72/5*
  - Bachelor's Thesis: "The Development of a Self-study Web Application Using Angular and Spring Boot"
  - Recipient of Achievement and Specialisation stipends.