Konstantin Tenman

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   **Technologies**: Spring Boot, Angular, Vue, Hibernate, JUnit, Mockito, WireMock, Kafka

- **Tools**: AWS, PostgreSQL, Docker, Git, Maven, IntelliJ, Redis, Docker Swarm, Amazon ECS

- **DevOps**: Jenkins, GitHub Actions, GitLab CI/CD   **Languages**: English, Estonian, Russian

Experience

- **Bankera**   Tallinn, Estonia
  Senior Software Engineer   *Jun 2022 - Present*

  ○ 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.

- **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.

- **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 Engineering (MEng) in Computer Science; GPA: 4.67/5;
    - Master's Thesis: "Developing a Web-Based Mini-Mental State Examination: Innovations in Accessibility and Efficiency for Cognitive Assessment."
    - Recipient of Achievement and Specialisation stipends.
- **Tallinn University** Estonia
  Bachelor of Science in Engineering (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.