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, Hibernate, Junit, Mockito, WireMock   **Technologies**: Spring Boot, Angular, Vue,

- **Tools**: AWS, PostgreSQL, Docker, Git, Maven, IntelliJ, Redis   **Languages**: English, Estonian, Russian

EXPERIENCE

- **Bankera**   Tallinn, Estonia
  Senior Software Engineer   *Jun 2022 - Present*
  - In my position on the Know Your Customer (KYC) team, I led the creation and upkeep of microservices using Spring Boot and Java (from versions 8 to 21). I used databases like Postgres and testing tools including Mockito, Wiremock, and AssertJ. My work helped build strong, scalable, and effective solutions for complying with financial services regulations.

- **University of Tartu**   Tartu, Estonia
  Teaching Assistant   *Aug 2022 - Present*
  - Object Oriented Programming in Java
  - Web Application Development
  - Enterprise System Integration

- **Monese**   Tallinn, Estonia
  Technical Lead Engineer   *Sep 2021 - Jun 2022*
  - As a part of the Payments team, I was leading and refactoring a monolith into a single responsibility microservice.
  - I was in charge of architecting a strong customer authentication (SCA PSD2) solution.

- **Monese**   London, United Kingdom
  Technical Lead Engineer   *Jul 2020 - Sep 2021*
  - Reduced costs by systematically improving software performance and decreasing operating costs. For one application, its monthly operating cost was decreased by 50%.

- **Monese**   London, United Kingdom
  Software Engineer   *Mar 2019 - Jun 2020*
  - Increased revenue by identifying and fixing production issues. In one case, pursuing a solution for a single customer led to the identification of a significant gap in profit.
  - As a part of the Pricing team, delivered business priorities by completing a new, annual pricing functionality on-time and without any significant issues. Additionally, I led research on breaking a monolithic application into a single responsibility microservice.
  - As a part of the Joint Accounts team, I designed and developed the main logic around the Joint Accounts feature.

- **Monese**   Tallinn, Estonia
  Software Engineer   *Oct 2017 - Mar 2019*
  - As a part of the Smart Transactions team, I improved the scalability of micro-services by separating the read and write operation of the database.
  - Successfully migrated 120M payments to a new queue-based Java micro-service. As a result, the average response time decreased from 60ms to 5ms.
  - Researched and introduced the new Angular 5 framework for internal tooling. Helped improve seamless deployment in Amazon AWS.

○ As a part of the Recurring Payments team, I designed and developed a micro-service with a test coverage of up to 80%.

- **Codeborne**   Tallinn, Estonia
  Software Developer   *Apr 2017 - Oct 2017*
    - ○ As a part of the Banking team, I advocated for clean, robust, and maintainable code while promoting through code reviews, pair programming, and test-driven development.
    - ○ Increased the team's productivity by sharing my peers' development tricks.
    - ○ Developed a responsive internet banking website for desktop and mobile platforms.

- **Knowit**   Tallinn, Estonia
  Software Developer   *Jun 2016 - Apr 2017*
    - ○ Employee of the Q4, 2016.
    - ○ Developed a full-stack, web-based application where users create services and search for them through Google Maps.

EDUCATION

- **Tartu University**   Estonia
  Master of Engineering (MEng); 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"
    - ○ Achievement stipend
    - ○ Specialisation stipend

- **Tallinn University**   Estonia
  Bachelor of Science in Engineering (BSc); Computer Science; GPA: 4.73/5; cum laude
    - ○ Bachelor's Thesis "The Development of a Self-study Web Application Using Angular and Spring Boot"
    - ○ Achievement stipend
    - ○ Specialisation stipend