

Konstantin Tenman

Software Engineer
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PROFILE

Self-motivated software developer with six years of experience in the field and four years of experience in Java development. Motivated to participate as a team player and develop well-tested applications using a continuous delivery approach. I highly enjoy carrying out profound research and learning about new technologies, alongside looking for ways to improve my work.

PROGRAMMING SKILLS

- **Languages:** Java, TypeScript **Technologies:** Spring Framework, Angular, Hibernate, Junit, Mockito
- **Tools:** AWS, PostgreSQL, Docker, Git, Jenkins, Maven, IntelliJ, Redis

EXPERIENCE

- **Monese** London, United Kingdom
Software Engineer Mar 2019 - Present
 - Reduced costs by systematically working to improve software performance and decrease operating costs. For one application, its monthly operating cost was decreased by 50%.
 - Increased revenue by doggedly identifying and fixing production issues. In one case, pursuing a solution for a single customer led to identifying a significant gap in profit.
 - **Pricing:** Led research on breaking a monolithic application into single responsibility micro-services. Refactored and developed the pricing structure of the system. Delivered business priorities by completing a new annual pricing functionality on-time and without any significant issues.
 - **Joint Accounts:** Designed and developed the main logic around the Joint Accounts feature.
- **Monese** Tallinn, Estonia
Software Engineer Oct 2017 - Mar 2019
 - **Smart Transactions:** Improved scalability of micro-services by separating the read and write operation of the database. Gradually migrated 120M payments to a new queue-based Java micro-service. Decreased average response time from 60ms to 5ms. Researched and introduced the new Angular 5 framework for internal tooling. Helped improve seamless deployment in Amazon AWS.
 - **Recurring Payments:** Designed and developed a micro-service with a test coverage of up to 80%.
 - **Tools:** Java 8-11, Angular, TypeScript, Grails, Scala, Docker, Amazon AWS, PostgreSQL, Spring Boot, Google API, Mockito, Junit, Redis, AWS, CloudWatch, New Relic, Jenkins, Git, IntelliJ, Groovy, Testcontainers, Maven, Liquibase, Bootstrap, macOS
- **Codeborne** Tallinn, Estonia
Software Developer Apr 2017 - Oct 2017
 - Developed an internet banking website now used by 2M customers.
 - Developed a responsive internet banking website for desktop and mobile platforms.
 - **Tools:** Java 8, RiotJS, Selenium, Mockito, TDD, IntelliJ, Agile, extreme programming, Play! Framework, Ubuntu
- **Knowit** Tallinn, Estonia
Software Developer Jun 2016 - Apr 2017
 - Developed a full-stack, web-based application where users create services and search for them through Google Maps.
 - **Technologies:** AngularJS, Java 8, Docker, Spring Boot, Hibernate, JHipster, Sass, CSS3, HTML5, Protractor, Maven, Liquibase, PostgreSQL, Bootstrap, Ubuntu, Git

EDUCATION

- **Tallinn University** Estonia
Bachelor of Science in Engineering (BSc); Computer Science; GPA: 4.73/5; cum laude 2014 - 2017
Bachelor's Thesis "The Development of a Self-study Web Application Using Angular and Spring Boot"