

# Konstantin Tenman

Software Engineer  
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## EXPERIENCE

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- **Monese** London, United Kingdom  
*Software Engineer* *Mar 2019 - Present*
  - Reduced costs by systematically working to improve software performance and decrease their operating costs. For one application, it's monthly operating cost was decreased by 50%.
  - Increased revenue by doggedly identifying and fixing production issues. In one case, pursuing a fix for a single customer led to identifying a significant gap in profit.
  - **Pricing:** Researched regarding breaking monolithic responsibility micro-services. Refactored and developed the pricing structure of the system. Delivered business priorities by completing new annual pricing functionality on-time and without any significant issues.
  - **Joint Accounts:** Designed and developed the main logic around the Joint Accounts.
- **Monese** Tallinn, Estonia  
*Software Engineer* *Oct 2017 - Mar 2019*
  - **Smart Transactions:** Improved scalability of micro-services by separating read and write operation of the database. Migrated gradually 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 to improve seamless deployment in Amazon AWS.
  - **Recurring Payments:** Designed and developed a micro-service with 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 which is 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

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- **Tallinn University** Estonia  
*Bachelor of Science in Engineering (BSc); Computer Science; GPA: 4.73/5; cum laude* *2014 - 2017*