

StelaLeon

Software engineer

about

Berlin
Germany

stela.leon88@gmail
github/StelaLeon
gitlab/StelaLeon
Stela Leon photo work

languages

romanian-native
english-fluent
french - basic
spanish -
intermediate/fluent

programming

Java 8
Scala, Akka-http,
Akka-Streams
Spring, Spring-boot
Kafka, Redis
Postgresql MongoDB
C, javascript(jQuery)
groovy

interests

microservices, functional programming, scala, akka, complex networks, social networks, community detection, community structure, overlapping communities, information diffusion, viral marketing, social inference, recommendation, data mining

education

Coursera **Online**

Content: Big Data Analysis with Scala and Spark

École Polytechnique Fédérale de Lausanne

Coursera **Online**

Content: Parallel programming

École Polytechnique Fédérale de Lausanne

Coursera **Online**

Content: Functional Program Design in Scala

École Polytechnique Fédérale de Lausanne

Coursera **Online**

Content: Functional Programming Principles in Scala

École Polytechnique Fédérale de Lausanne

2007–2011 **B.Sc.**

University Politehnica of Bucharest, Faculty Computer Science, Romania

Specialization: Calculus Systems Specialization

Diploma thesis: Cloud Architecture/Service manager on cloud systems

experience

04/19–10/19 **Relayr IO, Berlin Germany- Core BE**

Scala IoT Developer

- Scala developer in a small kanban team, with a domain driven design approach, developing new features for the backend

- Setting up parts of the new infrastructure (new deployment pipeline, message design, architecture re-design).

-Main projects:

-> Merge the SMS and E-Mail services into a more generic messaging service in order to be able to send to clients alerts related to critical states of their sensors.

-> Split the subscription service into submodules deployed as independent Docker images

- Technologies: Scala, AKKA, Akka streams, Kafka, Kafka Streams, Docker, Kubernetes, Kibana, IntelliJ, AWS

09/18–12/18 Idealo Gmbh, Berlin Germany- Price alarm

Senior Software Developer

- Scala developer in a small kanban team, with a domain driven design approach, developing a pilot notifying the user when fluctuations of a price occur.
- Setting up parts of the new infrastructure (new deployment pipeline, message design, architecture design).
- Technologies: Scala, AKKA, Akka steams, Kafka, Docker, MongoDB, Kubernetes, Kibana, IntelliJ

07/18–09/18 Idealo Gmbh, Berlin Germany- Directbooking

Senior Software Developer

- Scala developer in a small kanban team, developing features across multiple microservices as part of migrating the booking process from redirecting to the partner's page to booking it directly on site.
- Infrastructure engineering as part of monitoring and keeping track of messages for better maintenance analysis.
- Technologies: Scala, AKKA, Akka steams, Kafka, Docker, MongoDB, Kubernetes, Kibana, IntelliJ

02/16–11/16 Commercetools Gmbh, Berlin Germany- Marketplace

Java Developer

- Developing features across multiple microservices as part of developing from scratch the marketplace as a reactive microservice architecture adopting an Actor based approach.
- Participating to designing the new reactive architecture and testing of the new in progress marketplace
- Technologies: Scala, java, spring boot, AKKA, Akka steams, Bamboo, Kafka, Docker, MySQL, IntelliJ

04/16–05/16 Commercetools Gmbh, Berlin Germany- CS Mirrorer

Java Developer

- The project was part of re-writing the existing legacy PIM services as a Microservice Architecture
- Prototyping, developing, Dockerizing, build CI pipeline and maintaining a reactive service in charge with parsing and filtering various information of a continuous stream of data. The purpose was memory reduction of an already existing architecture.
- Technologies: Scala, AKKA, Akka steams, Bamboo, Kafka, Docker, MySQL, IntelliJ

02/16–03/16 Commercetools Gmbh, Berlin Germany- Message Poller

Java Developer

- The project was part of re-writing the existing legacy PIM services as a Microservice Architecture
- Prototyping, developing and maintaining the service in charge with polling a message endpoint and publish the new transformed messages to a Kafka queue
- Dockerizing the new created service
- Technologies: Scala, AKKA, Akka steams, Bamboo, Kafka, Docker, IntelliJ

11/15–02/16 Commercetools Gmbh, Berlin Germany- PIM services

Java Developer

- Working in a small team for delivering, implementing and designing new features as well as maintaining the existing legacy PIM services.
- Technologies: Java, Spring Boot, Bamboo, MySQL, JPA, IntelliJ

- 04/15–09/15 **Crunch Ltd, Brighton, UK- Annual returns** Java Developer
- Working in a small team for delivering, implementing and designing new features.
 - Technologies: Seam, Java, Jenkins, MySQL, JPA, Eclipse
- 06/15–08/15 **Crunch Ltd, Brighton, UK- Platform Team** Java Developer
- Working in an Agile team on researching and delivery proof of concepts of new technologies for building the skeleton of a new microservices architecture, SOA oriented.
 - Researching different 3rd party products and deliver a deployed version of an application gateway with WSO2
 - Researching and building a deployment pipeline based on continuous delivery: Go, Terraform, Packer, Vagrant, Ansible.
 - Researching message bus: Kafka, Zookeeper, Rabbit MQ, Curator service discovery.
- 12/14–02/15 **Crunch Ltd, Brighton, UK- Personal Tax and billing service** Java Developer
- Responsible for integrating the Identity Service into personal -tax project, as well as delivering small features and maintaining the project
 - Working with an Agile team on designing, implementing and maintaining new features for automatic billing the clients.
 - Technologies: Java, Spring Boot, Hibernate, JPA, MySQL, JPA, JQuery, AWS, Salesforce, Eclipse, Maven, Spring Security, Jenkins, Stripe
- 10/14–12/14 **Crunch Ltd, Brighton, UK- Identity Project** Java Developer
- Working in a Kanban methodology with another java developer and a tester.
 - Responsible for designing, implementing from scratch and maintaining the Identity project, responsible for authenticating and authorising the clients accessing our products.
 - Technologies: Hazelcast, Spring boot, Spring security, maven, git, JBoss, JPA, Hibernate, MySQL, OAuth 2, REST
- 09/14–10/14 **Crunch Ltd, Brighton, UK- Demo Project** Java Developer
- Working in an agile methodology on designing, implementing and maintaining new features of the Demo version of the product.
 - Small team of 3 developers, 1 tester and 1 scrum master.
 - Technologies: JQuery, Java, Seam, Ant, Ivy, Git, Jenkins, JSF, Eclipse, JBoss
- 08/14-09/14 **Crunch Ltd, Brighton, UK- Signup project** Java Developer
- Responsible for migrating the Signup project from Spring framework into Spring boot, part of the strategy to migrate from monolithical architecture to microservice based approach.
 - Technologies: Spring, Spring Boot, Maven, JBoss, Java, Git, Eclipse, Jenkins

- 02/14–06/14 **Barclays Investment Bank, Prague - Project POINT** Java developer
- Java developer in enterprise environment in a large world wide team cooperation with parts in New York and London working on maintaining and improving a monolithic risk analytics and index solutions application.
 - upgrading from WebLogic 8 to WebLogic 10
 - responsible for maintenance, integration of various tools and supporting other developers.
 - Technologies: Java, SQL server, JMS, JQuery, Javascript, HTML, PERL, ANT, WebLogic, J2EE, Eclipse, CVS, SVN
- 02/14–06/14 **Barclays Investment Bank, Prague - Workload Estimation** Java developer
- Working with a team of another 3 senior java developers for identifying patterns of behaviour when the system is put under high load/stress.
 - Technologies: Java, groovy, perl, eclipse, svn, Team city, QlikView, jolokia, JMX.
- 11/13–02/14 **Barclays Investment Bank, Prague - Pricing Sets** Java developer
- Worked in a small TDD oriented Scrum team along with both DB and UI developers, on renaming/migrating pricing sets.
 - Technologies: Java, JUnit, ANT, SVN, Eclipse
- 09/13–12/13 **Barclays Investment Bank, Prague - Add User** Java developer
- Worked in a cross-skilled team, on both front end and back end, on developing a feature for giving different access rights for clients/employees and recording the action based event into audit tables.
 - Technologies: Perl, JQuery, Javascript, HTML, Eclipse, CVS
- 02/13–06/13 **Barclays Investment Bank, Prague - Interactive Load Testing** Java developer
- Work in small agile team on developing tools for recording the traffic from production and re-running it into test environment
 - Development of frontend and unit tests using JUnit and JMock
 - Technologies: Java, SQL server, JMS, JQuery, Javascript, HTML, Perl, ANT, Eclipse, CVS, SVN
- 10/11–11/12 **Luxoft Romania, Bucharest, Romania** Java developer
- Developing new features and bug fixing both on client and server side on Avaya Softphone config interface
 - Worked on a small agile team on development of new rest services
 - Technologies: Java SE, SQL, JQuery, Javascript, Python, HTML, ANT, GIT, J2EE, Eclipse, Bash, CoffeeScript, Jade, Knockout.js, Node.js, Hibernate, Tomcat

06/11–09/11 **Direct One, Bucharest, Romania**

Junior java developer

- *Independent work on researching, implementing and testing various load balancing algorithms*
- *Developing, testing and documenting both frontend and backend of a new service for fast and optimized uploading of large video files.*
- *Developing Wowza module from scratch for broadcast rights for different accounts.*
- *Technologies: Java SE, Swing, Servlet, SQL, UML, Eclipse, Swing, Wowza, PHP, JDBC, Bash*

hobbies

Cinematography - Course on filmmaking ending with a short movie at LFA (London, UK)

Photography and travelling : stelaleon.blogspot