



KONICA MINOLTA

Job Role

Date: 15/06/2018

Title of position:	Software engineer	Position of manager:	R&D Strategy and Technology Manager
Person holding position: /	N/A	Name of Manager	Filippo Silva
No. of employees:	1	Location	Rome

Function of position:	<p>Konica Minolta Inc. is establishing new R&D sites in EU (Konica Minolta Laboratory Europe) aimed at developing innovative technologies in the area of Information and Communications Technologies (ICT), IoT, Robotics and Artificial Intelligence.</p> <p>This initiative is specifically targeted to speed up the growing demand for a technical expert in the domain of Java Programming and Software Engineering with background in Computational Semantics and Machine Learning.</p> <p>The ideal candidate will operate as a full stack software engineer in a multicultural agile development team spread across diverse European sites and focused on open source technologies and widely accepted designing practices and architectural styles.</p> <p>A solid foundation in DevOps-driven development is also an essential requirement.</p> <p>The opportunity is based in Rome.</p>
Main Responsibilities:	<ul style="list-style-type: none"> • Deliver software related artefacts (design, architecture, demo, documentation, code) for creating prototypes to be subsequently industrialized by the production teams. • Apply TDD and BDD techniques as much as possible while implementing automated unit, integration, functional and performance tests. • Be aware of how technology can solve real-world problems and provide support for efficient selection of technical solutions with a focus on performance, time to delivery and cost effectiveness. • Embrace company development standards while participating to a continuous improvement process on them. • Provide support when designing, implementing and maintaining hardware and software tools. • Participate in evaluation and purchase of lab facilities and equipment (e.g. software licenses, development servers, etc.).
Dimension of results	<ul style="list-style-type: none"> • The work achievements will be measured by well-documented KPIs on quality, timing and ease of maintenance of the delivered software. • Ensure solutions and PoCs being developed deliver specified requirements and the expected outcomes, in accordance with the general technology development roadmap and deadlines • Ensure quality outcomes and encourage adherence to procedures • Document and maintain accurate records



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Requirements to this position:

- Able to rely on analytical approach to challenges for understanding the critical aspects.
- Experience of working in an agile development methodology is an advantage.
- Eager to learn new technical skills through participation in conferences, courses and training activities inside and outside the company.
- Fluent in English
- Willingness to travel internationally and work in a team actively contributing to team objectives.

Knowledge of some of the technologies listed below is strongly appreciated:

- 3 or more years of experience in Java and Python development
- Kubernetes, Docker, ZooKeeper, Nagios
- Atlassian stack (Bamboo, BitBucket, Confluence, Jira), Nexus, SonarCube, Maven
- Spring, SpringBoot, Apache libraries
- Apache Camel
- TensorFlow, H2O.ai
- Blazegraph, ElasticSearch
- OpenText Magellan, SyntaxNet, Apache Tika, SentiSquare, Stanford CoreNLP and similar tools
- RabbitMQ, Protocol Buffers
- Spark, Hadoop