



KONICA MINOLTA

## Job Role

Date: 20/09/2018

<b>Title of position:</b>	Head of development	<b>Position of manager:</b>	R&D Strategy and Technology Manager
<b>Person holding position: /</b>	N/A	<b>Name of Manager</b>	Filippo Silva
<b>No. of employees:</b>	1	<b>Location</b>	Rome

<b>Function of position:</b>	<p>Konica Minolta Inc. has recently set up a new global team (Konica Minolta Laboratory Europe) for innovation (<a href="https://research.konicaminolta.eu/">https://research.konicaminolta.eu/</a>), aimed at developing a new exciting set of applications and platforms which will provide artificial intelligence support in the context of the workplace of the future. The target product is called Cognitive Hub.</p> <p>Within this context proactive software development teams are needed to contribute to the most important innovation programme for Konica Minolta worldwide. This project will reshape the current portfolio of the company and will represent a pivotal point for the history of the company. The head of development is the key engine to deliver proof of concept for validation of the ideas. The head of development is a technical guy with leadership skills capable to get ideas into reality.</p> <p>The team in Rome will focus on idea generation and implementation in the context of digital manufacturing expanding the offer of the office management already available in the Konica Minolta Laboratory Europe team.</p>
<b>Main Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Set up a team of SW development (up to 10 people) which is capable to integrate ML algorithm into platforms development with the goal of proof of concept</li> <li>• Hierarchically and functionally manage the SW team members in terms of objectives, people allocation on projects, salaries, engagement and career development</li> <li>• Review the existing best practices and align them with the KMLE team in Europe and our internal customer (massive SW production)</li> <li>• Collaborate for the platform architecture evolution</li> <li>• Manage the laboratory physical environment and its set up in terms of info-structure (HW/server) needs</li> </ul>
<b>Dimension of results</b>	<ul style="list-style-type: none"> <li>• Assure the team and the infrastructure needed for them is working up to speed to get challenges and deliver PoC</li> <li>• Maintain a culture of continuous improvement and constantly challenge the performances of the team members</li> </ul>



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**Requirements to this position:**

- Degree in International Information Management or similar (MA)
- Understanding of ML/AI technologies and platform technologies and willingness to keep up to date on them
- Proved at least 3 years' experience in managing R&D team
- Project management: organize and carry out projects, keeping an eye on time, personnel and financial resources
- Knowledge and proved application of the Agile principle
- Goal-oriented
- Eloquent and Multilanguage. Fluent in English
- Continuous learning attitude and curiosity
- Challenging attitude
- Willingness to travel internationally

Technical skills:

- Fluency in multiple programming languages (e.g., Java, Python, C++, Javascript, shell scripting).
- 3+ years of hands-on experience specifically with Java and Python development.
- Good knowledge of software architectures, UML and software engineering frameworks.
- Familiarity with Micro-services, containers and RESTful API.
- Good knowledge of SQL, Relational and NoSQL databases, graph databases and schema design.
- Knowledge of AI/ML tools (e.g., TensorFlow, H2O.ai), RDF and SPARQL.
- Some degree of experience with common robot OS and standards such as e.g., YARP, ROS or H-ROS
- Experience with the following products, projects and tools is highly appreciated
  - Kubernetes, Docker, Maven, ZooKeeper, Nagios
  - Atlassian suite (BitBucket, Confluence, Jira), Jenkins
  - Maven, Spring, Spring Boot
  - RabbitMQ, Protocol Buffers
  - Elasticsearch, Apache Tika
  - SonarQube, Git svc
  - OpenText Magellan, SyntaxNet, SentiSquare, Stanford CoreNLP
  - Apache Spark, Hadoop suite