

## Software Developers

### iOS & ANDROID platforms - Junior/Senior

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**DEPARTMENT/FUNCTIONS:** Software developers, Tester, Cybersecurity, QA Quality Assurance, Systems Engineer

- ❖ **Workplace:** Tunis, Italy
- ❖ **Positions required:** 3 Open positions

- ❖ **Job description:**

Responsible for the development of Android/iOS applications, actively participating in discussions and technical decisions. Mobile & Desktop App tester & Quality Assurance

- Good knowledge of Object Oriented software development
- Knowledge of the main standards and development methodologies
- Multithread programming skills
- Writing Project Documentation (UML, Sequence Diagrams, Class Diagrams).
- Knowledge of the most common design patterns in general and MVC in particular
- Knowledge of native programming (NDK) issues
- Familiarity with APIs and Push mechanisms
- Restful API Experience
- Experience publishing Apps to Stores - At least one app on one of the major Stores
  
- Familiarity with MDM solutions
- Experience in developing user interfaces
- Experience in SQL programming

- ❖ **Technical Skills:**

- BS/MS degree in Computer Science, Engineering or a related subject
- Planning & bug tracking software (Mantis, Jira, Git, etc).
- Proven working experience in installing, configuring and troubleshooting UNIX /Linux based environments.
- Knowledge of https, TLS, UDP, TCP communication protocols
- Knowledge of AES 256, OpenSSL, PGP encryption algorithms

- Knowledge of H264, H323, MP4, Speex, MP3, AC-3 codecs
- Knowledge of Networking
- Design and development of unit and functional tests
- Knowledge of test automation
- Application performance analysis skills
- Knowledge of the main systems and tools for source control and CI Continuous Integration (cvs, svn, git, maven, Gitlab, SourceTree, Jenkins)
- Knowledge of the main relational DBs and in particular SQL, MySQL, MariaDB, SQLite
- Knowledge in the design and programming of databases
- Availability for short trips in Italy and abroad
- Experience in ADB (Android Debug Bridge)
- Experience in Debugging on different devices
- Technical and Functional Analysis
- Design and application development
- Realization and maintenance of project documentation
- Corrective and evolutionary maintenance of mobile applications

❖ **Soft Skills:**

- Collaboration in multi-disciplinary teams to define, design and deliver new features
- Brilliant, proactive, open to discussion and dialogue
- Ability to quickly master new technologies to maximize efficiency in application development
- Eager to excellence
- Proven ability to multitask activities
- Strong orientation towards achieving objectives
- Spirit of initiative and resistance to stress
- Problem solving
- Flexibility to work and availability overtime
- Ability to assist and support users
- Compliance with deadlines

❖ **Optional requirements:**

- Passion for UX and continuous improvement of the user experience
- Ability to manage a small work team (only for senior resources)

- ❖ **Language skills:** Italian and English are mandatory. Would be nice to have to share information with customer, partners and eventually suppliers.
  
- ❖ **Eligibility and closing date:** This vacancy will be filled as soon as possible, and applications should normally reach us no later than 30.03.2022
  
- ❖ **Email to send your CV:** [fcarlevato@micla.info](mailto:fcarlevato@micla.info) (only in English language and in PDF format)

#### **ABOUT MICLA -ENGINEERING & DESIGN SERVICES FOR INDUSTRIAL PROJECTS**

MICLA was founded in 2005 in Turin with the aim to support its clients, offering qualified resources in automotive area and generally in industry. Today, with over 15 years of experience, MICLA can count on over 200 collaborators in Italy, Germany and Brazil owning diversified skills and experiences, from design to the entire product development cycle.

**AUTOMOTIVE.** MICLA offers engineering and design services for international customers, supporting the automotive sector since the beginning, and, from 2017, delivering productive activities.

**RAILWAY.** MICLA is convinced that digital technologies will enable the rail sector to improve its appeal and capacity, especially when fully integrated in the design, operation and maintenance phases. The innovation will focus on control systems and communication with signaling systems in order to fully automate the railway sector and improve traffic flows.

**AERONAUTICAL.** Thanks to its aeronautical engineers, MICLA is on the front line of researching about new technology in military or civilian aviation. Including aircraft design and development, manufacturing and flight experimentation, jet engine production and experimentation, and drone (unmanned aerial system) development.

**BOATS** MICLA's primary responsibility is to maintain the mechanical propulsion systems of marine vessels, including engines, pumps, boilers and generators. Additional responsibilities include maintaining electrical, refrigeration, ventilation, heating and cooling systems.