Android Developer Engineer

12-month fixed-term contract position based in Toulouse

Recognized throughout the world, Syntony GNSS is a Toulouse-based brand, labeled FrenchTech, focused on technological innovation in the field of GNSS.

Our goal? Pushing the limits!

Specialising in radio navigation and embedded systems, we are the world leaders in our field and present in many high-growth markets.

We have developed a range of products (simulators, receivers and indoor/outdoor location systems) that meet the growing needs of the aeronautics and space industries, but also those of public transport, rail and mining or the rise of IoT (Internet Of Things).

Our esteemed customer base, made up of industry giants (such as Airbus, OneWeb, Airbus Safran Launchers, Thales Alenia Space, Honeywell, Rockwell, Stockholm, New York, Toronto and many others...), testifies to our relentless pursuit of excellence and innovation. Our solutions are constantly evolving in order to anticipate their future needs but also to strengthen our leadership and meet new challenges.

Thus, Syntony GNSS vibrates around three fundamental values:

- **Innovation as a guide**, to design the products and tools of tomorrow, in line with the real and evolving needs of our customers
- **The dynamism of our teams**, to adapt our strengths and talent to the quality of our solutions
- **Open-mindedness and inclusion**, to remain attentive to our customers, partners and collaborators, with the aim of promoting Humanism, equality and the richness of multiculturalism.

From students to qualifié.es professionals, help shape the future of boating with us. Work with experts, in a caring environment where your ideas can fly and your contributions fuel the synergy of the company.

In an international dimension, you participate in the challenges of today and tomorrow.

The Context

Simulation products and GNSS receivers are experiencing an acceleration in their development. Syntony GNSS recently formed a partnership with a leading manufacturer of RF test solutions, Keysight Technologies. The European Space Agency (ESA) has selected Syntony to provide user demonstration receivers for the LEO-PNT project As a member of the consortium led by Thales Alenia Space, Syntony will play a key role in advancing global navigation technologies.

Several of the company's products are moving towards an offer using services accessible on a cloud.

- The SUBWAVE product offers a geolocation solution compatible with GPS receivers for underground transport infrastructures.

- The Softspot IoT product allows precise location for a connected object with unparalleled cost and consumption savings.

In this context and to strengthen its teams, Syntony GNSS is looking for a DevOps Engineer M/F.

What you'll accomplish with Syntony GNSS

You will join the 'cloud and mobile application' development department to develop mobile applications as part of the SUBWAVE underground location system.

The missions that will be entrusted to you

- Development and evolution of the mobile positioning application dedicated to the Subwave product following the functional roadmap (new algorithms, supervision function, demonstration function, statistical performance calculation function, etc.)

- You will be responsible for field tests and deployment: at the customers' sites.

- Technical support for the integration of software and hardware solutions into the customer environment/site

- Carrying out the various technical activities of the product/process development cycle selected as part of the project (documenting, developing, testing, qualifying, etc.)

- Technical support for the integration of software and hardware solutions into the customer environment/site

The technical skills we are looking for

- Mobile app development written in Jave and/or Kotlin
- Experience with mobile development frameworks and tools such as UIKit, Core Data, Android SDK, etc.
- Knowledge of mobile development standards and best practices, including UI design, performance, and security
- Cloud architecture & backend development;

- Verification (on-target integration and validation in a real environment), Awareness of CI/CD principles and "devops" culture (Infra. as code etc.)
- Authentication and secure protocols (HTTPS, SSL/TLS, SSH, etc.);
- Operating System: Linux, Windows

A good command of oral and writing English.

About you

With a Bac+5 degree in computer science, you have 3 years' experience in a similar position which has allowed you to develop your analytical skills to take stock of the appropriate mobile development technologies and to justify the choices.

Do you recognize yourself in this description? Apply and join a company that promotes innovation in the development of its unique products to design the products of tomorrow, dynamism and open-mindedness in listening to and respecting its customers and employees.