

**Senior Embedded Software Architect - Grenoble - Permanent Contract**

INOCEL is a company born from the meeting of the worlds of research, industry, engineering and also adventure with Mike HORN who acted as a catalyst for the project. The company, based at the foot of Grenoble mountains in France, is in a strong growth phase to meet its ambitious objectives. INOCEL has successfully raised its first round of financing, bringing the company's capital to €10M, and aims to reach a staff of 80 – 100 people by the end of the year from the 35 we are in early-2023.

INOCEL's mission is to produce efficient and competitive hydrogen systems on the world market, and thus contribute to the decarbonization of our uses, particularly in stationary, heavy-duty mobility and maritime applications. Protection of the environment is at the foundation of what we do at INOCEL and is the backbone of our company.

INOCEL offers complete turnkey solutions for hydrogen energy chains including innovative low temperature fuel cells. Not only do we have an innovative technology to build our success, but our solutions also include intelligent energy management systems as well as engineering and maintenance services. The goal is to assist industrials in their transition for durable and efficient long-term results. INOCEL's solutions are targeted at mobility, ground transportations and sea applications with a need for sustainability, efficiency, and stationary power generation. Just a couple years down the line, INOCEL will have the capacity to meet the growing demand for mass production of fuel cells by mastering its entire production chain.

If you find yourself in this DNA, if you want to join a high value-added company with the spirit and dynamism of a startup, if you have the desire to carry out industrial development work within an experienced team that cares about its employees .... **Join us!**

For this adventure, INOCEL is looking for a Senior Embedded Software Architect. The successful candidate will have the following missions:

**Position responsibilities**

* You will be a key actor in all phases of software development life cycle of the hydrogen fuel cell, including software architecture design, Hardware requirements, documentation, helping team design according to design rules, and solving deployment issues.
* You will bring your experience, know-how to the team, and mentor other team members via coaching session and code reviews
* You will identify accelerators enablers such as available libraries and work on the integration
* You will evaluate and refine the tools and processes used to streamline development activities and ensure code quality
* You will work in an agile development environment, meaning you may be developing the code as well depending on workload or code criticity
* In addition to the architect role activities, you may lead the execution the team activities as a scrum master, in order to plan and produce rapid cycles, high quality deliverables until the team is big enough to have a dedicated scrum master
* All these activities will take place in a cross-functional environment, requiring very good collaboration and pro-active skills, project and business oriented.

**Required Skills**

* Bachelor of Science degree in Electrical Engineering, Computer Engineering, Computer Science or equivalent.
* 7+ year experience working in complex embedded software development projects
* 3+ year experience software development in Automobile sector is a plus
* Strong experience of Communication and Networking protocol.
* Experience with x86 Intel and ARM processors and RTOS and/or Linux operating systems.
* Able to drive technical developments from scratch and to specify complex systems
* Demonstrated critical thinking and problem solving in a fast-paced technical environment
* Excellent communication skills, recognized ability and easiness to explain complex things in simple words to be understood easily by non-experts
* Experience in Cybersecurity actions and threat model analysis
* Experience in leading a small team of engineers in development
* Fluent English speaking

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