



## Principal Embedded Security Software Engineer (m/f/div)\*

### Job description

Do you want to be part of the technology evolution of your day-to-day life? Are you passionate about leading people and love technical demanding challenges? In Lviv, we are creating state of the art IoT products that will impact reality as we known it. If you want to be part of this adventure, we're looking for a Principal Embedded Software Engineer!

You'll be the leader of your own projects and the main driver of the development of your products. Your team will be counting with your guidance on their tasks, and definition on how the final product will be.

As a Principal Embedded Software Engineer, you will:

- Participate in **defining the new product requirements**;
- Be responsible for **architecture and design development**;
- **Lead a team of 5+ members** of embedded and validation engineers;
- **Develop and verify firmware** for embedded systems;
- Perform tasks including debug; bring-up, beta and production of **firmware development**;
- Successfully **collaborate with both software and hardware** product teams.

### Profile

You're not a quitter, not giving up until you find the best solution possible. You have a strong will and the ability to keep yourself motivated. Teamwork is part of your mindset, cooperating easily with others in different projects in order to achieve top performance.

You are best equipped for this task if you have:

- **Electronic Engineering or Computer Science degree**, or any relevant degree;
- Experience in architecture and design development for embedded software;
- 7+ years of experience in embedded software;
- Experience in **coding in C/C++**;
- Knowledge on **ARM** based SoC architecture;
- Experience with **bare metal embedded systems**;
- Experience in **Real-Time Operating Systems** and basic skills in **cryptography** or data protection **would be a plus**;

### At a glance

Location: **Lviv (Ukraine)**  
Job ID: **319940**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **319940**  
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### Contact

**Diogo Venâncio**  
Talent Attraction Manager



- Experience in **Computer Science fundamentals**: data structures, object-oriented design, algorithm design, problem solving, and complexity analysis;
- Fluent in Ukrainian and **good level of English**;
- **Strong debugging/trouble-shooting skills** of embedded systems.

## Benefits

- **Lviv**: Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Access for wheelchairs

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

**– Connected Secure Systems (CSS) delivers security for the connected world –**

**The Connected Secure Systems (CSS)** segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

*\* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

