



Embedded Systems Engineer

Location: Thessaloniki

Level: Mid/ Entry

Relevant experience: 1-3 years

About NET2GRID

NET2GRID is a young, innovative company that offers leading-edge AI and machine learning services in energy insights based on smart meter data.

We pride ourselves in delivering market leading algorithms to identify individual appliances, measure their consumption and determine their efficiency in comparison with the best in class.

Our service is used by energy suppliers worldwide. We help them to build a loyal customer base of satisfied customers, reduce their operational cost and expand their business.

We have offices in the Netherlands and Greece. For this position you will be based in Thessaloniki, Greece.

Is that something you'd like to contribute to?

Your Role

- Designing, testing and debugging of embedded systems - both hardware and software
- Developing low-cost consumer gateways and meter interfaces from prototyping through to production and commercial deployment
- You work in a team; together you oversee software from development to production
- You are and feel responsible for your software and hardware
- You innovate on a daily basis, both from a functional and a technical standpoint

Who you are

A Software Engineer who is passionate about embedded systems. . You have a proven ability to comprehend functional requirements, and can translate those insights into solutions. You cherish performance, security and craftsmanship. You keep close tabs on IT-developments and love to be a front-runner. You love working in an autonomous team.

The teams are located in Zeist (The Netherlands), Thessaloniki (Greece) and Germany and work together on a daily basis.

The embedded systems team focuses on designing robust cost-efficient hardware (data loggers, gateways, IoT devices etc.) for accurate data acquisition of varying granularity. Firmware engineering for NET2GRIDs Gateway, using Embedded C is of great importance.

Our Software Engineers 'breathe' IT-technology, and their programming skills are vital to the ongoing success of NET2GRID.

Must have

- Solid programming experience in C
- Experience with programming microcontrollers (ARM Cortex, Xtensa)
- Experience with variety of embedded operating systems (freeRTOS, Linux, openWRT, Yocto)
- A university degree in Electrical Engineering or Informatics (or similar)
- Verifiable academic level of thinking and working
- At least 2 years of relevant working experience is nice, but talented young academics are welcomed!
- Experience with Git Version Control Systems
- Hands-on software development experience
- Communicative skills are key; you spar with many stakeholders
- Fluency in English
- Having fulfilled or are exempt from any obligations imposed by the laws on military service

Nice to have

- Knowledge of wireless protocols (WLAN, ZigBee, BT, LoRa)
- Knowledge of metering standards (Wireless M-bus, DLMS/Cosem, DMSR)
- PCB Schematic capture and layout (preferably in Altium and/or KiCad)
- Additional programming languages (shell scripts, Java, Python)
- Hands-on soldering skills, PCB assembly/rework/repair

Why work at NET2GRID?

Want to join our team and be part of this fast growing, innovative and fun Tech company?

NET2GRID offers a dynamic start-up environment where you are able to take your career to the next level. If you are passionate about AI, Machine learning, data-analytics, cloud computing, embedded

development or you're passionate about new energy business models and innovative customer projects, join us!

How to apply?

Please send your motivation letter and English language CV (2 pages max) at hr@net2grid.com.