



Embedded Software Engineer – Linux (Junior)

Silicon Gears : Get to know us a bit better

In Silicon Gears we offer software integration services and consulting in the field of automotive. As Preferred Partners of TTTech, we offer quality, safety, and security in our solutions.

The automotive world is currently witnessing a double revolution. Assisted driving systems, the electric car, and the introduction of Ethernet in cars will forever change the way we understand mobility. To make this reality, engineers are needed who both know the current technology and are also daring enough to reinvent and adapt it for a greater future.

Your Role:

As an **Embedded Software Engineer – Linux** you will develop the platform of ADAS ECUs on the Linux side, setting up the kernel, programming the drivers, configuring the schedule, integrating proprietary middleware, bringing up new boards...

Key responsibilities:

- Develop in user and kernel space
- Debug at register level
- Analyse customer requirements
- Document and write technical manuals of the delivered software

Skills to create the difference:

- If you have some personal experience or you like: Linux, kernel or device drivers
- C/C++ programming
- Previous experience in Python
- English fluency! All our customers are outside Spain

Nice to have:

- Shell scripting
- Yocto or UBoot knowledge
- Real-time design and programming
- Basic electronics – capability to understand schematics



- team-based work, using issue tracker like JIRA, collaboration software like Confluence, and version control systems like SVN or GIT (Bitbucket)
- VxWorks

Why join us?

- Development in the cutting edge automotive areas
- Professional development
- Challenges
- Flexible schedule
- Paid extra hours or vacation in exchange
- Experienced team
- Free delicious coffee & fruit