Key words:

**Embedded C**

**Hardware Security Modules (HSM)**

**microcontroller programming**

low-level debugging

**bootloaders**

**secure boot**

**cryptographic**

**RTOS**

Git

GitHub pull requests

Automotive

ECU

Develop

Test

Software

Hardware

system engineers

cryptographic

algorithms

secure

communication protocols

Debug

optimize software

software architecture design

code reviews