



Embedded Systems Engineer - Zephyr RTOS

Workplace: 1000, Rabat

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What to expect:

As an Embedded Systems Engineer experienced in building microcontroller applications with Zephyr RTOS. You'll develop portable, scalable firmware across multiple MCU architectures while leveraging Zephyr's powerful tooling ecosystem.

Responsibilities:

- Develop application logic using Zephyr APIs and its driver model.
- Configure systems with Kconfig and Device Tree.
- Build and flash firmware using CMake and West.
- Implement hardware abstraction for multi-architecture portability.
- Troubleshoot and optimize RTOS behavior (scheduling, memory, inter-task comms).

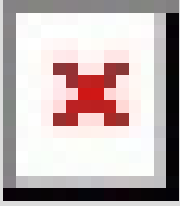
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Bertrandt Technologie Morocco offers you opportunities in the automotive sector (body in white, interior and exterior, layout, powertrain, and electronics). Moreover, we are also present in interdisciplinary field such as project management, quality management, supply chain/industrialization and validations.

What you bring along:

- Practical experience with Zephyr RTOS in MCU environments.
 - Strong knowledge of Kconfig, Device Tree, West, CMake.
 - Solid RTOS fundamentals and embedded debugging skills.
 - Experience with ARM Cortex-M or similar MCUs.
 - Understanding of embedded protocols and hardware interfaces.
- Nice to Have
- Exposure to embedded Linux or Yocto.
 - Experience with BSPs, low-level drivers, or CI/CD for firmware.

What we offer:



Contact:

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