



Certificate no: UC-820e0f40-ec87-4cc4-8cf5-27c5af833c7b

Certificate url: ude.my/UC-820e0f40-ec87-4cc4-8cf5-27c5af833c7b

Reference Number: 0004

CERTIFICATE OF COMPLETION

Embedded Systems Bare-Metal Programming Ground Up™ (STM32)

Instructors **Israel Gbati, BHM Engineering Academy**

Christian Rangel

Date **Dec. 5, 2025**

Length **24.5 total hours**