



ANDREY DODONOV

Advanced Software Engineer

IIoT Embedded Full Stack Connectivity Safety Security

Fixated on quality. Putting results before ego.
8 years of experience working in Swiss-German company
in multinational projects (USA, Japan, Germany, Switzerland).
Bringing online devices with <1MB memory.
Blockchain enthusiast learning rust, solidity and move.

SKILLS



C (good), C++ (average),
Rust (basic)
CMake, GDB, Trace32
ZephyrOS, FreeRTOS, Sciopta
CMake, gcc
STM32, Nordic
Wi-Fi, NB-IoT, LTE-M, BluetoothLE



Python, Robot
C#, Nunit
Jenkins, Github Actions
Linting, CMock, SIL



NodeJS, Typescript
React, JS



Solidity (basic), Move (basic),
Market analysis



English (proficient)
German (advanced)
Russian (native)

EDUCATION



M.Sc. Computer Science and
Engineering, cum laude
September 2008 – July 2014
Southern Federal University,
Russia

CONTACTS



aadodonov@gmail.com



+49(176)54326830



github.com/AndreyDodonov-EH



linkedin.com/in/andrey-dodonov

EXPERIENCE

Advanced Software Engineer

2022 - Present

Endress+Hauser Group

Fermentation monitor

Wi-Fi cloud-connected real-time fermentation sensor.
Role: architect, team leader, developer

Flood predictor

AI-powered system for flood prediction,
using multiple cloud-connected sensors (NB-IoT, LTE-M).
Role: consultant

Software Developer

2015 - 2022

Endress+Hauser Group

Netilion

Cloud platform for factory assets and measurement
processes.
Role: developer

IIoT Radar

Battery-powered level sensor with NB-IOT, LTE-M.
Role: developer

AR Assistant

Prototype of Hololens application to help install,
configure and find devices in factories.
Role: developer, team leader

External Software Developer

2014 – 2015

Endress+Hauser Group

Tank gauging

Device family for precise monitoring in gas and oil industry.
Features industrial protocols HART, Modbus, 4-20, etc.
SIL3 certified, Ex-safety certified.
Role: developer

Open source contributions

ZephyrOS, GitExtensions