



# Aleksandr Murkin

## C / C++ Developer

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 telegram

Hello! I am an experienced C and C++ developer with embedded background. In my free time I like to do low-level programming.

## PROFESSIONAL EXPERIENCE

### C Embedded Developer at Inango

11/2023 - 09/2024

**Stack:** C, Bash, Yocto, Make, CMake, prplOS, Docker, Gitlab, git, gcc, gdb, RDK, Linux, TR-181, TR-369, GAS.

Kazakhstan

**Experience:** In this company I was developing software for routers. The whole project was built in pure C. I had to work with Linux and its network interfaces, understand many low-level OS concepts such as kernel modules and many other things related to embedded systems. I gained a lot of experience working on this project.

### Chief Specialist in the Safety Directorate at the AKKUYU Nuclear Power Plant (C/C++)

09/2023 - 11/2023

**Stack:** C, C++, ACS, SQL, SQLite, MS SQL.

Türkiye

**Experience:** In this company I was engaged in setting up the ACS using mostly C++. All other information is under NDA.

## EDUCATION

### Peter the Great St. Petersburg Polytechnic University, Software Technician

09/2018 - 07/2022

Saint Petersburg,  
Russia

## SKILLS

C / Embedded C

C++

Linux, Shell

Make / CMake

Yocto, Networking

Docker

Assembly (x86, RISC-V)

Gitlab, Github, Git

SQL, SQLite, PostgreSQL

English (B2), Russian (Native)

## PROJECTS

DNS proxy server equipped with various features (C)

"Saper" game (GNU Assembly)

Biden Clicker application (JS)