

Hiring software engineer as easy as calling a taxi.

Kenan A.

Senior C/C++ Embedded Developer

SUMMARY

- Over 26 years of experience as an Embedded Systems Developer.
- Expertise in C/C++, with hands-on experience in Zephyr RTOS and Bluetooth Mesh.
- Worked with nRF52, nRF53 MCU, Linux, ARM Cortex, and ESP32 technologies.
- Led small engineering teams and provided consultation for embedded solutions.
- Developed functional simulators for hardware modules.
- History of troubleshooting and technical support roles, showcasing strong problem-solving skills.
- Holds an educational background from Azerbaijan State University with certifications in client-server technologies.

SKILLS

Main Technical Skills	C
Programming Languages	Assembler, C, C++, Java, Python
C++ Frameworks	Qt/C++
Virtualization, Containers and Orchestration	Docker
Operating Systems	Linux, Windows
Other Technical Skills	ARM Cortex, Atmel AVR, Bluetooth Low Energy, bluetooth mesh, EasyEDA, ESP32, MCS51, NRF51, nRF52, nRF53 MCU, PCAD, Refactoring, Zephyr RTOS

WORK EXPERIENCE

Embedded Systems Developer, <https://puppod.com/>

Duration: 2021-present

Summary: Porting the firmware to other platforms/hardware.

Responsibilities: Developing HAL, functional simulator for hardware modules, and other infrastructure for the firmware. Developing new functionality for the firmware and support of existing code. Developing unit tests.

Technologies: C/C++, Linux, Bluetooth Low Energy, Bluetooth Mesh, Zephyr RTOS, Docker, nRF52, nRF53 MCU

Embedded Systems Developer, Team Leader, MikronLed Elektronik LTD

Duration: 2013 – 2021

Summary:

- Worked on developing microcontroller-based devices for various equipment
- Designed hardware solutions
- Developed embedded and cross-platform desktop software
- Worked as a team leader of a small engineering team (2 – 5 persons)
- Functioned as a consultant for other teams and companies for developing embedded solutions
- Developed functional simulators for embedded devices in order to model the solutions
- Provided technical support for customers and other teams
- Reviewed, refactored, and fixed software projects built by other teams

Technologies: C/C++, Linux, ARM Cortex, Atmel AVR, MCS51, NRF51, ESP32, Qt/C++, PCAD, Eagle, EasyEDA

Experienced Telecom Engineer, First Line Support, Ericsson AB

Duration: 2008 – 2013

Summary:

- Provided first-line support of core and radio network equipment for telecom operators
- Participated in several telecom and integration projects using Eriksson's solutions
- Worked on troubleshooting and solving problems with supported equipment

Software engineer, developer. Team leader, R.I.S.K company

Duration: 2002 – 2008

Summary:

- Designed and developed software solutions for various projects
- Lead small developers team (three persons)
- Coded, tested, integrated, delivered software products
- Provided technical customer support
- Adapted/integrated various hardware/software solutions from other teams



Embedded software engineer, developer, OilGasAutomat Sumgayit

Duration: 1996 – 1999

Summary: Designed and developed embedded software solutions.

Responsibilities: Assisted electronic engineers with designing microcontroller-based equipment. Created tools and utilities (compilers, flashing, and diagnosing tools) for hardware equipment. Supported, refactored, and extended developed solutions. Analyzed and troubleshooted the problems that occurred on-site.

EDUCATION

- **Azerbaijan State University**

Baku, Azerbaijan

1991 - 1997

CERTIFICATION

- **Client-Server technologies and applications**

CGDS Moscow

1999

- **Various mobile telecommunication equipment courses**

Ericsson AB

2008 - 2013