



ALIREZA JAFARI

C++ Developer



ABOUT ME

As a software developer with over 6 years of experience, I have collaborated with various companies on diverse projects across multiple fields and platforms. I specialize in **C++** development, including **modern C++** standards, and have strong expertise in **Qt** and **QML**. For more information about my projects, please visit [my website](#).



Phone

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Website

<https://alirezajafari.ir/>

PROFESSIONAL EXPERIENCE

Graph Inc.

C++ Developer

Sep 2024 - Jan 2025 (full time)

- Worked as part of a professional C++ team developing a Windows **EDR** (Endpoint Detection and Response) solution.
- Identified and fixed critical bugs, ensuring stability and reliability.
- Developed and integrated new features to enhance the product.
- Optimized performance to improve efficiency and reduce system resource usage.

Med Fanavaran Plus

Qt/C++ Developer

Feb 2024 – Apr 2025 (part time)

- Member of a team developing an **Ultra Sound** imaging device.
- Involved in the design and development of various software functionalities.
- Responsibilities include:
 - ✓ Developing measurements and touch panel functionalities.
 - ✓ Contributing to the overall software architecture and design.
- Using **Qt C++** and **QML** extensively for development, with the core application running on Qt Widgets.

PIARAZ

Qt/C++ Developer

Dec 2023 – May 2024 (contractor)

- Designed and developed a comprehensive software solution for existing hardware (**ARINC 429** logger) used in the avionics industry and commercial airplanes.
- Enabled hardware connectivity, IO control, and data capture/display with extensive additional functionalities.
- Implemented complex chart displays using **Qt QML WebEngine** and the **CanvasJS** library, integrating web pages fed by C++.
- Developed **50+ packet parsers** to process received packets and display real-time parameter information.

DevSpec

Software Developer

Dec 2018 – Dec 2023 (full time)

- Primarily develop software using **Qt C++** and **QML**, focusing on user-space applications for devices running **embedded Linux**.
- Collaborate with a small team of specialists, each focusing on different layers including OS and hardware.
- Involved in projects requiring additional skills in **HTML/CSS**, **Node.js**, **Qt Widget**

EDUCATION

➤ Master Of Science 2016-2018

Amirkabir University of Technology
(Tehran Polytechnic) Tehran-Iran
Electrical Engineering – Digital Electronics
Thesis: Video Stabilization and Image Enhancement

➤ Bachelor Of Science 2011-2015

Isfahan University of Technology
Isfahan-Iran
Electrical Engineering – Telecommunications

SKILLS

C++(11/14/17)



Qt FrameWork



QML



Git



Languages

English (Intermediate)

Persian (Native)