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| ALIREZA JAFARI | |
| **C++ Developer** | |
| |  | | --- | |  | |  | | **Phone** 0447876134 | |  | | **Address** Australia (Open to all states) | |  | | **Email** [alirezajafari28@gmail.com](mailto:alirezajafari28@gmail.com) | |  | | **GitHub** [www.github.com/arjafari93](http://www.github.com/arjafari93) | | **LinkedIn** <https://www.linkedin.com/in/alirezajafari93>  **Website** <https://alirezajafari.ir/> | |  | |  | | **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) | | | |  |  | | --- | --- | | **ABOUT ME** | | | As a software developer with **over 7 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](http://alirezajafari.ir). | | |  | | |  | | | **PROFESSIONAL EXPERIENCE** | | | **Graph Inc.**  Sep 2024 - Jan 2025 (full time) | **C++ Developer** | | * 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**  Feb 2024 – Apr 2025 (part time) | **Qt/C++ Developer** | |  | | | * 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**  Dec 2023 – May 2024 (contractor) | **Qt/C++ Developer** | |  | | | * 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**  Dec 2018 – Dec 2023 (full time) | **Software Developer** | |  | | | * 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** | | |