Cyril Kaiser

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Profile

Experienced, fast, and motivated Software Engineer specialized in C# (desktop and backend) and C/C++ (3D and Computer Vision).

I attach a lot of importance to the quality and readability of the code I write and like to keep myself up to date with the latest technologies.

During my career, I have developed and designed various types of projects including desktop/mobile applications, web services, 3D and image analysis libraries,...

Experience

- Senior Software Engineer   03/2018-07/2019
  YDT, Shanghai, China
  - Designed and developed desktop applications.
  - Developed multiple RESTful APIs using microservices.
  - Migrated .Net applications to .Net Core.
  - Designed and developed libraries to analyse and process images and 3D data.

- Software Engineer   03/2015-12/2017
  Co-Founder
  TC2 Labs, APEX, North Carolina
  - Developed multiple RESTful and WebSocket APIs.
  - Managed, redesigned, and reduced cost of cloud infrastructure.
  - Developed and maintained desktop applications.

- Software Developer   03/2012-03/2015
  DNA Interactif Fashion, Kortrijk, Belgium
  - Designed, developed, and maintained various desktop applications (shopping, 3D visualization).
  - Designed and managed cloud infrastructure.
  - Developed multiple APIs using REST, TCP sockets, and WCF.
  - Developed a 3D rendering engine and physics simulation libraries.
  - Developed an online 3D virtual shop.
  - 3D Modeling.

- Seasonal worker   03/2010-04/2010
  Walibi Belgium, Wavre, Belgium
- IT work experience   02/2008-02/2008
  Informatic Services IS, Louvain-La-Neuve, Belgium

Skills

- Programming Languages:
  - **C#**, **C++/CLI**, *Visual Basic*
  - **C++**, C, CMake, *assembly*
  - T-SQL
  - Java
- Cloud Environments:
  - Microsoft Azure
- Frameworks:
  - .Net, .Net Core
  - Asp.Net (Core)
  - Entity Framework (Core)
- UI:
  - **WPF**, **XAML**, WinForms
  - MFC
  - Blazor, HTML, *CSS*, *JavaScript*
- Patterns:
  - MVVM, MVC
  - CAB
- 3D / Computer Vision:
  - OpenCV
  - OpenGL
  - PCL
- Source Control:
  - Git
  - Team Foundation Server
- 3D Software:
  - Autodesk Maya
  - Unity

Certifications

- Microsoft Certified Professional Developer:
  - Windows Developer 4
- Microsoft Certified Technology Specialist:
  - Windows Applications
  - Data Access
  - Service Communication Applications

Education

- Developer .Net 4.0   2011-2011
  Techno.bel, Loyers, Belgium
- Medicine / Psychology   2008-2009
  Université Catholique de Louvain, Belgium
- Computer Technician   2006-2008
  CEPES Jodoigne, Belgium