

Mario J Pillet

Software Engineer | Pipeline Developer
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LinkedIn | IMDB

Objective:

Software Developer and IT specialist with over 15+ years of experience in a relevant IT/Developer role. Possesses a Bachelors of Science Degree and Microsoft Certification in cloud concepts and architecture. Skills in web application, back-end development, front-end design, generative AI, production tools, operations and more.

Experience:

Business Owner and Head of Development | **Tytan Core LLC** | 05/2020 – 06/2026

- Software Engineer (Tytan Core Pipeline)
- Product Development (Python, C++, Javascript, Generative AI)
- Tools Development (Unreal Engine 4 and 5, Python, C++, SQL)
- Business Management

Supervisor | **ZOIC Studios** | 02/2023 – 03/2024

- Team Management (4+)
- Tools Development (Python, C++)
- Simulations (Vellum, POP solver, VEX)

Supervisor | **Encore VFX** | 07/2018 – 02/2023

- Team Management (6+)
- Tools Development (Maya, Houdini), Software Development (Python, C++)
- Character Mechanics and Crowd Development (Houdini Agents, UE5)
- Technical Support with Jira

Lead TD | **Method Studios** | 05/2020 – 09/2020

- Tools Development (Maya, 3DEqualizer) (Python)
- Software Specialist (Develop proprietary software)

CG Generalist, Lead Crowd Mechanics and Senior Rigging | **Zero VFX** | 08/2014 – 07/2018

- Pipeline and Tools Development (Python, C++)
- Character and Crowd Development (Massive, Golaem)
- Character Mechanics and Rigging (Houdini, Maya) (Python)
- Simulations (Digital FX)

Senior Character TD | **Magic Leap, Inc** | 06/2013 – 08/2014

- Character Mechanics and Rigging (Houdini, Maya) (Python)
- Lead 3D Matchmover

Creative Director and Business Owner | **Grafxcube, LLC** | 01/2008 – 01/2017

- Management over Studio (small team 3+ artist)
- Supervisor and Creative Decision Making

Web Developer and Designer | **James Ross Advertising** | 04/2010 – 08/2010

- Web Development (PHP, Javascript, JQuery, Actionsript, SQL)
- Web Design

Web Developer and Designer | **Greenfield World Trade** | 03/2009 – 04/2010

- Team Management (3+)
- Web Development (PHP, Javascript, JQuery, Actionsript, SQL)
- Web Design

Software Knowledge:

Visual Studio, MySQL Workbench, Apache SVN, VMware, Microsoft Azure (and familiar with cloud architecture), Git, Jira, SharePoint, Unreal Engine 4 & 5, Houdini, Maya, Blender, Substance Painter, Nuke, all production related creative software, and experience with Windows and Linux platforms

Scripting Knowledge:

Python, JavaScript, JQuery, JSON, C++, MEL, VEX, HSCRIPT, Qt, PHP, SQL, CURL

Education:

The Art Institutes | 05/2005 – 12/2008

Bachelors of Science in Media Art, Animation and Computer Science

Microsoft Certification : Azure Fundamentals, Cloud Concepts and Architecture