Jérôme Melis

Founder & CTO | AI Automation Expert

✉ jerome@digensys.com   📍 Vientiane, Laos

🔗 linkedin.com/in/jerome-melis   🗓 Born in 1979

PROFESSIONAL SUMMARY

Accomplished technology leader with over 15 years of experience in IT management, software development, and AI automation. Founded DiGenSys to guide organizations in adopting cutting-edge AI solutions. Proven track record as CTO at Institut Pasteur du Laos, managing all IT operations and providing strategic technology guidance. Expertise in full-stack development, system architecture, and transforming operational challenges into innovation opportunities. Passionate about leveraging technology to drive business growth and efficiency.

PROFESSIONAL EXPERIENCE

Founder & CEO

DiGenSys

since January 2025

Leading the strategic vision to guide organizations in adopting and optimizing AI-based automation solutions. Founded DiGenSys with a clear mission to help companies transform operational challenges into opportunities for innovation and growth. Providing personalized approaches that enable clients to maintain competitive advantage in today's rapidly evolving business landscape where artificial intelligence has become critical for success.

Chief Technology Officer (CTO)

Institut Pasteur du Laos

January 2015 - December 2024

Managed all IT-related operations from software to hardware infrastructure. Provided strategic technology advice and helpdesk support for scientists and administration employees. Led digital transformation initiatives and ensured robust IT systems supporting critical research activities at this Lao National Institution.

IT Consultant

Freelance

October 2011 - December 2023

Provided comprehensive IT consulting services including software architecture, web development, training, and system administration. Delivered technical expertise in network software and open-source solutions to various clients.

PHP Consultant

AUSY Luxembourg

October 2008 - September 2011

Developed enterprise applications using PHP, JavaScript, MySQL, and Oracle. Implemented solutions using Zend Framework, Ext JS, jQuery, and modern web standards (XHTML/CSS/AJAX). Managed version control with CVS and SVN systems.

Web Developer

AkiraWeb S.A

April 2008 - September 2008

Developed web applications using PHP, JavaScript, and MySQL. Worked with Ruby on Rails and implemented version control using Mercurial. Created responsive web interfaces using XHTML, CSS, and AJAX technologies.

EDUCATION

Master's Degree in Computer Science

Université Henri Poincaré, Nancy 1

1999 - 2003 • Nancy, France

Specialized in Software Engineering and Distributed Systems. Graduated with honors.

TECHNICAL SKILLS

Development

- Software Architect
- Full-Stack Development
- Relational Database
- NoSQL Database
- Expert PHP & JavaScript
- API Expert
- AI assisted coding

Technologies & Tools

- Linux Administration
- Docker, Podman
- Virtualization
- CI/CD (Jenkins, Selenium)
- Git, Version Control
- Windows Server

Business & Leadership

- Problem Solver
- Project Management
- AI Strategy
- AI Implementation
- Budget Management
- Marketing
- Communication

LANGUAGES

Français
Native

English
Professional Working Proficiency

INTERESTS & ACTIVITIES

Tech Mentoring
Open Source
Data Privacy Advocate

AI & Machine Learning
Digital Innovation
Human Mind

Games & Boardgames