

Tony Chemit

Software engineer · Architect · Independent consultant

Ultreia.io · France · French & English
ultreia.io

Software architecture and development since 2004. Experience in scientific systems, business applications and software build tooling, with particular attention to data quality and knowledge sharing.

Selected experience & assignments

Since 2017 Ultreia.io	Independent software engineer & consultant Open-source software architecture and development, scientific data, build tooling and support for technical teams.
Since 2025 IRD / IOTC	ROS modernisation Data modelling, validation, migration, interoperability with ObServe and technical documentation.
Since 2009 IRD	ObServe architecture & evolution Onboard fisheries data collection, offline operation, synchronisation and platform evolution.
2007-2016 Code Lutin	Architect, developer & open-source expert Scientific and business applications, Ifremer and ONEMA assignments, software quality and Maven expertise.
2004-2007 Early assignments	Development & architecture Java/J2EE, XML, databases, integration and quality in public and private organisations.

Skills

Languages & web

Java · R · SQL · JavaScript · Python · HTML · CSS

Data

PostgreSQL · H2 · MySQL · Hibernate / JPA

Build & delivery

Maven · GitLab CI/CD · Jenkins · Sonar · Nexus

Environment

Linux · Git · Docker · IntelliJ

Education

2004 · Postgraduate degree in Software Engineering

University of Rouen

2003 · Postgraduate research degree (DEA)

University of Rouen

Selected experience. Assignments overlap where they form part of a long-term collaboration.