

Dan MAGIER



Solution Architect, Tech Lead & Product Builder — Crafts, DevOps, Agentic AI

dan@heiwa-it.com · +33 6 83 22 49 54 · [LinkedIn](#) · [heiwa-it.com](#)

20
YEARS XP

40+
TEAMS
COACHED

8
HEIWA-IT
MISSIONS

60+
PROJECTS
MIGRATED

Solution Architect, Java Tech Lead & coach in Agile, Crafts and DevOps culture.

I guide teams towards autonomy in adopting these practices.

Engineering Coach

DDD / BDD / TDD
Hexagonal Architecture
EventStorming & Example Mapping
Mob Programming

DevOps Enabler

CI/CD as Code
Kubernetes (CKAD)
Standardized Pipelines
Software Factories

Agentic AI

Claude Code & MCP
Specialized Agents
Automated Quality Gates
AI-driven BDD/TDD

KEY ACHIEVEMENTS

WHAT	WHERE	RESULT
Shared CI/CD standard (Jenkins + GitLab-CI)	BNP Cardif	Pipeline setup: days → hours
Migration of 60 projects to unified toolchain	BNPP Arval	60 projects in 3 months
Agentic AI framework (agents, quality gates, BDD/TDD)	HEIWA-IT SlaaS	Continuous delivery without regression, dev & AI costs under control
Migration of 100% teams to PIC ITG	BP2S	100% migrated, ~20 kata sessions
Reference software factory	BPI France	Adopted as group-wide quality strategy

SKILLS

AI ENGINEERING

Claude Code MCP Agentic AI Agent Orchestration Prompt Engineering AI Quality Gates

PRACTICES

DDD BDD TDD EventStorming Example Mapping Mob Programming

ARCHITECTURE & DESIGN

Hexagonal Architecture CQRS/Event Sourcing Microservices REST APIs

LANGUAGES & FRAMEWORKS

Java 21 Spring Boot 3 TypeScript Lit (Web Components) Spring Security Spring Data

TESTING TOOLS

Cucumber JUnit AssertJ Playwright Selenium

BUILD TOOLS

Maven Gradle npm

INFRASTRUCTURE & DEVOPS

Kubernetes (CKAD) Docker Helm GitLab-CI Jenkins SonarQube Nexus NixOS Caddy

DATA

PostgreSQL MySQL Oracle Cassandra Liquibase

METHODOLOGIES & GIT

Scrum

Kanban

Git Flow

GitHub Flow

Trunk-Based Dev

CERTIFICATION

CKAD — Certified Kubernetes Application Developer (2021)

PROFESSIONAL EXPERIENCE

HEIWA-IT

Founder · Since May 2017

IT consulting — Software Craftsmanship, DevOps and Agentic AI. Since 2017, I've worked with teams at BNP Paribas (Cardif, BP2S, Arval), Natixis and BPI France across 8 missions — coaching on Crafts practices, helping set up CI/CD pipelines, and facilitating workshops (DDD, BDD/TDD, hexagonal architecture, EventStorming).

HEIWA-IT — SaaS Project

Since 2024

Architect & AI Engineering Lead

Building SaaS (Software Industrialisation as a Service):

- Full-stack: Java 21, Spring Boot 3, TypeScript/Lit, PostgreSQL
- Kubernetes on NixOS, GitLab CI/CD
- Dev workflow integrating Agentic AI (Claude Code, MCP) with BDD/TDD

→ **Reusable framework integrating AI into a Crafts/DevOps workflow**

Java 21, Spring Boot 3, TypeScript, Lit, PostgreSQL, Docker, K8s, NixOS, GitLab-CI, Claude Code, MCP

BNPP ARVAL (Finaxys contract)

Jan. — Mar. 2026

Architect / Agile, Crafts & DevOps Coach

Arval is BNP Paribas Group's long-term vehicle leasing subsidiary. Migration of Arval toolchain to BNPP ITG group standards — 60 projects in 3 months.

- Infrastructure audit + Target Operating Model definition with RACI matrix
- CI/CD pipeline standardization (DevOps Foundation) on Jenkins & GitLab-CI

→ **60 projects migrated to unified toolchain in 3 months**

Git, GitLab-CI, Jenkins, Kubernetes, Helm

BNP CARDIF

Sep. 2022 — Dec. 2025

Architect / Agile Coach, Crafts & DevOps

Cardif is an international insurance company based in France, a subsidiary of BNP Paribas Group. "DevOps Transformation" team — coaching 10 development teams over 3 years.

- Worked with teams to build a shared CI/CD standard (Jenkins + GitLab-CI), reducing pipeline setup from days to hours
- Trained teams in DDD, BDD/TDD, hexagonal architecture
- Facilitated workshops on CI/CD platform tools and process mapping

→ **Pipeline setup time: days → hours**

Git, GitLab-CI, Jenkins, Java, DDD, BDD, TDD, Hexagonal Architecture

Natixis CIB (Alenia contract)

Jan. — Jul. 2022

Architect / Crafts & DevOps Coach

Natixis is a French financial institution, a subsidiary of Groupe BPCE, specializing in asset management, corporate & investment banking. Cross-cutting DevOps audit — 6 IT teams.

- DevOps practices audit + personalized recommendations per team
- DDD, BDD/TDD, example mapping, CI/CD pipeline training
- Process mapping and example mapping workshops

→ **6 teams with validated and started improvement plans**

Git, Jenkins, DDD, BDD, TDD, Java, Spring

BNP Paribas BP2S — Programme ATOME

Dec. 2019 — Nov. 2021

Architect / Crafts & DevOps Coach

BNP Paribas Securities Services (BP2S) is BNP Paribas Group's securities services subsidiary. Cross-functional team: migration + coaching of all IT teams.

- Migration of all teams to PIC ITG (continuous integration platform)
- ~20 kata sessions delivered (TDD, BDD, refactoring)
- Embedded coaching: pair/mob programming sessions with each team

→ **All teams migrated, growing adoption of Crafts practices**

Git, GitLab-CI, Jenkins, Maven, Java, Spring, DDD, BDD, TDD, Cucumber

BNP Paribas BP2S — RISE Project

May — Dec. 2019

Tech Lead / Architect

Development + quality uplift for RISE project team.

- Module development and refactoring, BDD/TDD implementation
- Team training and mentoring on Crafts practices

→ **Test coverage integrated across delivered scope**

Java, Spring, Maven, Git, BDD, TDD, Cucumber

BPI France

Jul. 2017 — Oct. 2018

Crafts & DevOps Coach

Bpifrance is France's public investment bank, supporting business financing and development. IT department digital transition — Crafts and DevOps approach.

- Software factory design (GitLab, Nexus, SonarQube, Docker)
- Unified quality strategy PoC + workshops (testing, hex arch, EventStorming)

→ **Factory adopted as reference for group-wide quality strategy**

SVN, Git, Maven, Jenkins, JUnit, Cucumber, TDD, BDD, Scrum

OTHER HEIWA-IT MISSIONS

PERIOD	CLIENT	ROLE	KEY CONTRIBUTION	IMPACT
Mar. — Jun. 2019	ESGI Graduate School of Computer Engineering	Part-time lecturer	Engineering tools and methods (15h), DevOps culture (12h)	27h of courses delivered
Oct. 2018 — Jan. 2019	BNPP ITG (SCIAM contract) SRS Project	Architect / Coach	Audit of existing practices, improvement of deployment processes	Roadmap validated
May — Aug. 2017	BNP BDDF (IBM contract) BDDF2020	Java Technical Lead	DDD, BDD/TDD, Java, Git & CI lead. Hexagonal architecture implementation. Feature dev and refactoring.	Delivered on time

PREVIOUS EXPERIENCE

PERIOD	COMPANY	ROLE	KEY CONTRIBUTION	IMPACT
Jul. 2016 — May 2017	Alantaya Foodtech startup — medical nutrition and connected dietetics	Tech Lead Java, Scrum Master, DevOps	Took over technical lead, managing 6 developers. CI/CD pipeline setup from scratch. TDD, pair programming, refactoring.	Zero → continuous deployment
Jul. 2015 — Sep. 2016	AROLLA Consulting firm specialized in Software Craftsmanship	Software Craftsmanship — Tech Lead Java, Scrum Master	VSCT (Lyria): legacy refactoring, BDD, continuous delivery SGCIB: trading platform, BDD Cucumber, TDD	SGCIB: tests 0% → 100%, delivered on time
Nov. 2012 — Apr. 2015	Omnikles (Oodrive group) Platform for digitizing public procurement tenders	J2EE Developer / Scrum Master	Best practices implementation. Legacy app refactoring (8+ years). From-scratch PES file processing app. Automated integration testing (Selenium).	App modernized, tests integrated
Feb. 2010 — Oct. 2012	Bluestone IT consulting — Big Data and new technologies	JEE Technical Lead / Scrum Master	Technip: Lead Dev, MDM Orchestra Conforama: Hermes Rejection Tracking + Purchase Card Cinematheque Francaise: Programming Sacem: Mipsa and Oscar SFR: BdQ	6 missions delivered
Feb. — Dec. 2009	Maro-Bagages	Founder	E-commerce website creation	—
2006 — 2009	Oalia, OCE, Nexeo	Java-EE Developer	BNP procurement, COFINOGA, BNP AM	—

CONFERENCES & COMMUNITY

- Ongoing** Co-organizer — Continuous Delivery Paris Meetup
- 2022** Hands-on sessions — MiXIT, Sunny Tech
- 2018** Meetup sessions — Novencia, Continuous Delivery Paris

TRAINING

Trained by recognized industry leaders:

- 2026** AI Assistants for Your Teams Workshop — **Uberto Barbini**
- 2025** Practical Event Sourcing — **Oskar Dudycz**
- 2020** Domain Modeling Made Functional — **Scott Wlaschin**
- 2020** Mob Programming — **Woody Zuill**
- 2019** DDD Messaging Architectures — **Mathias Verraes**
- 2019** Implementing DDD — **Vaughn Vernon** · CQRS/ES — **Greg Young & Adam Dymitruk**
- 2018** EventStorming Masterclass — **Alberto Brandolini** · DDD Immersion — **Eric Evans**
- 2018** OpenShift DO180/DO280 — RedHat · Essential DDD — **Paul Rayner**
- 2017** Kubernetes — WeScale · Docker — **J. Petazzoni**
- 2012** Scrum Master — Agilbee
- 2011** Java Specialist — **Heinz Kabutz**

EDUCATION

- 2006** Master's in Computer Science — Software Development, Security specialization — CNAM Paris
- 2005** Master 1 — ETNA (EPITECH-EPITA Group)
- 2004** Bachelor's — EPITA (EPITECH-EPITA Group)