



Olivier Penhoat

CTO / Developer eXperience

About

About me

I am passionate about **web development** and **IT architectures**, experienced in **management** and **coaching agile** teams, capable of building a **digital platform** from the Think phase, to Build, Devops and Run.

CTO with a **craftsman** mindset, capable of developing and carrying a true **product vision** in contexts with **high strategic stakes**.

In my preferred playground, you'll often find:

- JavaScript, TypeScript, NodeJS, React, VueJS, Nuxt, Jest
- REST, GraphQL, Docker, Redis, MongoDB
- Shell, Portainer, Traefik, Google Cloud
- Cline, Open-notebook, Glm, Gemini, Claude

Personal information

- **Email:** openhoat@gmail.com
- **City:** Boulogne-Billancourt, France

</> Skills

Technical skills

Expert

- NodeJS / Deno
- JavaScript / TypeScript
- Jest
- ReactJS
- Cline / Ollama

Advanced

- Claude Code
- Docker
- Redis
- Shell
- REST
- GraphQL
- VueJS / Nuxt
- Markdown
- CI Pipelines (GitLab, GitHub, Azure)

Comfortable

- MongoDB
- Neural networks / Machine Learning
- Scrum, Kanban
- AWS, Google Cloud, Azure DevOps, Digital Ocean

Familiar

- Java EE
- Svelte
- Angular
- K8s
- CSS 3
- Python, Go

Soft skills

- Rigor & method
- Active listening
- Logical & analytical thinking
- Pedagogy
- Openness
- Autonomy
- Adaptability
- Decision-making
- Honesty
- Team spirit & transparency
- Communication
- Empathy

Experience

Consultant / Software Craftsman

Since 2024 at Arolla, Paris, France

BPIfrance : API expertise and coaching in the context of API soclification (Business Capabilities, API-as-Product). Technology stack: Spring Boot, OpenAPI

SNCF Connect : Exploratory mission for end-to-end non-regression test generation of the SNCF Connect API. Technology stack: Cline, LiteLLM, Amazon Bedrock, Claude Sonnet, TypeScript, NodeJS ([Post LinkedIn](#))

Decathlon : Tech Lead on two mobile applications, FCS (Famille Client Satisfait) and My Game Mobile, which accompany the entire distribution network. Developer coaching: Mob Programming, Training camp, assistance. Technology stack: VueJS, Nuxt, Node, TypeScript, GraphQL, GitHub, Firebase

Technical Director & Developer eXperience

2021 - 2024 at Niji Bordeaux, Bordeaux, France

Architecture: definition of technological target and logical architecture of a web / mobile / desktop platform project, similar to DoctoLib (Equasens)

API expertise: support for design best practices in an API-ization project of location services (SNCF)

Lead architect: creation of a fullstack helicopter parts management platform (Safran HE) powered by Angular / NestJS stack

Extreme Architecture & Technical Direction of a connected mirror application / makeup experience

Federation of internal developer and architect communities at national level (tech days, DT animation)

Developer management, support, skills development & career paths

Development of a multi-API federation platform / Unity Ads, Ironsource, Vungle, Google, TikTok, ... / NodeJS / PostgreSQL / Google Cloud

Creation and launch of the Niji Tech program: establishment of a technical community blog [niji.tech](#) to share expertise and internal best practices

Development of a Custom Activity Salesforce Marketing Cloud NodeJS / React / Redis / AWS

Mentoring and coaching of fullstack dev teams ReactJS / NodeJS

Development of a REST API backend NodeJS / MongoDB / NestJS to collect Covid tests

Technical interviews of candidates as part of the recruitment process

Code audits, flash audits, due diligences

CTO / Product Owner / Fullstack Developer

2015 - 2021 at Groupe La Poste / Digital Branch, Paris, France

Migration of API gateway to TypeScript

Design and implementation of Digiposte authentication gateway

Realization of CN23 mobile web application for customs declaration on tablet

Creation of the Okapi platform, Open API of the Digital Branch of Groupe La Poste ([developer.laposte.fr](#))

Definition of roadmap and business models

Integration of billing solution, rate limiters, plugins

BU management: agile team, vision box

Evangelization around open innovation

AI / neural networks fundamentals training

Conferences / hands-on / katas

API expertise: publication of white paper on API design and trainings

Stack: EcmaScript, TypeScript, GraphQL, Reactjs, Webpack, Expressjs, Gitlab pipeline, Docker, ELK, Redis

IT Architect

2014 at Groupe La Poste / Digital Branch, Paris, France

IT architecture in Digital Trust domain (Digiposte, Digiposte Pass)
Realization of POCs, internal consulting
Project management of Open API POC for the group
Realization of laposte.io platform
Fullstack expertise

Consultant

2013 - 2014 at Octo Technology, Paris, France

Technical architecture at Digiposte
Validation of technical choices
Coordination of TMCs
Implementation of prototypes
Realization of Octo short URL service
Realization of Dropbox / Digiposte sync webapp

Consultant Trainer

2009 - 2013 at Valtech Training, Paris, France

Training on more than twenty J2EE, JS, Web, Software Factory, Quality, Security courses
Industry domains, banking insurance, services: Thalès, Dassault, NDS, Generali, CDC, Orange
R&D: Java Quality, Android, Mobile Web, Web Hacking, NodeJS, Extreme Java
Technical coaching
Seminars: Android, Multi-platform Development, NodeJS
Design and realization of desktop and mobile website valtech-training.fr
Implementation of the software factory

Early Experiences (2008-1996)

2008-2009 • Head of Software Factory Division • Le Crédit Lyonnais (Paris)

2005-2008 • Manager of New Services and Banking Products Projects • Crédit Agricole S.A. (Paris)

2001-2005 • Head of Technological Solutions Projects • Entenial (Paris)

2000-2001 • Technical Project Manager • MDEO-Zentropy (Paris)

1999-2000 • iNet Technologies Consultant • Cetal Conseil (Paris)

1996-1999 • Remote Banking Project Manager • Crédit Commercial de France (Paris)

1994-1996 • Engineer • Isthme / Steria (Paris)

Education

Engineer

1993 at Epita Paris

Industrial Computing and Artificial Intelligence

BTS

1991 at Lycée Jules Ferry de Versailles

Industrial Computing

High School Diploma

1989 at Lycée Jules Ferry de Versailles

F2 Electronics (with honors)

Achievements

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Conferences

- **bdx.io** : Leading web and software development conference in Bordeaux
- **Devoxx France** : International conference for Java developers and software development
- **Valtech Training Seminars** : Android: "The Empire Strikes Back", NodeJS
- **BFM Multimedia Radio Show** : Android, Nokia, and iPhone

Training & Workshops

- **Hands-on** : Practical sessions and development workshops
- **Katas** : Training sessions and technical improvement
- **Seminars** : Training on latest technologies and practices
- **The Code Clinic** : Daily office hours (treating sick code)
- **3 Minutes of Code** : Demo tips & tricks code
- **Snippet Fifteen** : 15-minute demo REX of project successes or failures

GitHub Projects

- **Mesame**: Personal style proxy — a local meta-agent that transforms any LLM into your digital twin
- **Termaid**: AI-Powered Terminal — Electron app combining a terminal with an LLM assistant (Ollama, Claude)
- **AI Usage Monitor**: GNOME Shell extension to monitor AI subscription usage (Claude, OpenAI, Ollama)
- **CV (This project)**: Modern and responsive CV developed with Astro and Tailwind CSS

Technologies Used


- **Frontend** : Astro, React, VueJS, Nuxt, TypeScript
- **Backend** : NodeJS, Express, NestJS
- **DevOps** : Docker, GitHub Actions, GitLab CI
- **Cloud** : Google Cloud Platform, Digital Ocean

Hobbies

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- Enduro roller
- Workout
- Cycling
- Skateboarding, Surf, Skimboard
- Music: jazz guitar (concerts, festivals), finger drumming, piano

Contact

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