



Pascal HERAUD

Senior Java/JS
Fullstack
Developer

CONTACT

- 📍 Pontcharra, France
- 🌐 <https://heraud.ovh>
- 📧 @pascal-heraud
- 🐙 @pascalheraud
- 💻 @pascal242

EDUCATION

- 🎓 Baccalauréat (1989)
- 🎓 Master's degree in Computer Science (1995)
- 🎓 Internships in microelectronics (FPGAs)

LANGUAGES

- 🇫🇷 French (C2)
- 🇬🇧 English (B2)
- 🇮🇹 Italian (A1)

SOFT SKILLS

- 🎯 Result oriented
- ⚙️ Pragmatic
- 🧐 Curious
- 📋 Rigorous

INTERESTS

- 🏃 Sport
- 🗺️ Travel
- 🎵 Singing/Music
- 🤝 Volunteering

PERSPECTIVES

Fullstack (Java and/or JS)

Trainer

Blockchain

Cryptocurrencies

Neural networks / AI

Energy sector

Sustainable development

Technological innovation

Cybersecurity

TECHNICAL SKILLS

Java (30 yrs)

Postgresql (15 yrs)

Postgis (15 yrs)

Oracle (5 yrs)

Tomcat (10 yrs)

Hibernate (10 yrs)

Spring MVC (15 yrs)

Junit (20 yrs)

Maven (20 yrs)

Docker (10 yrs)

Gitlab (10 yrs)

Git (10 yrs)

Typescript (5 yrs)

Selenium (15 yrs)

Vue.js (7 yrs)

Capacitor (1 yr)

React (2 months)

Angular (2 months)

Zabbix (15 yrs)

Ansible (15 yrs)

Debian (15 yrs)

EXPERIENCE

La Roue Verte

Partner / Architect / Developer / DevOps

📍 Grenoble 📅 2011-2025 ⌚ 11 yrs

📺 Development of white-label carpooling websites

⌚ 6 yrs

- Implementation of software and hardware architecture
- Application architecture and design
- PostgreSQL migration from MySQL
- Design of a white-label mechanism
- Design and implementation of a carpooling matching engine
- Development and design of a Dealer Locator in vanilla JavaScript
- Integration of partner APIs (local tourisme database, Carpooling, SSO, ...)
- Development of a carpooling website for a Government Employee Training Service. Automatic integration of data for sessions
- Release of carpooling APIs to partners
- Development of a hybrid Android app with Crosswalk
- Deployment / Sysadmin / Production Monitoring

Postgresql

Postgis

Jboss

Java 8

Hibernate

Spring MVC

Maven

Ant

Docker

SVN/GIT

Jenkins

Redmine

CSS

Javascript

jQuery

Google maps

Zabbix

Ansible

Debian

📺 Development of the illicov.fr carpooling lines website

⌚ 3 yrs

- Implementation of software and hardware architecture
- Application architecture and design
- Design and implementation of a carpooling matching engine
- Implementation of development procedures
- Deployment / Sysadmin / Production Monitoring

Postgresql

Postgis

Tomcat

Java 17

Spring MVC

Spring JDBC

Junit

Maven

Docker

Git

Gitlab

SCSS

Javascript

Selenium

Vue.js

Open street maps

Zabbix

Ansible

Debian

▶ Modernization and extension of the illicov.fr carpooling lines website

🕒 5 yrs

- Modernization of the frontend stack
- Development of a hybrid iOS / Android mobile application
- Deployment / Sysadmin / Production Monitoring

Postgresql

Postgis

Tomcat

Java 17

Spring MVC

Spring JDBC

Junit

Maven

Docker

Git

Gitlab

SCSS

Typescript

Selenium

Vue.js

Open street maps

Jest/Vitest

Capacitor

Zabbix

Ansible

Debian

Objet Direct / Viseo

Consultant / Developer / Architect / Trainer

📍 Grenoble 📅 2000-2011 ⌚ 11 yrs

▣ Creation and deployment of monitoring packages

⌚ 1 year in 2010

Kelkoo

📍 Grenoble

- Development of Nagios probes for monitoring Kelkoo WebServices
- Packaging and production deployment

Nagios

Perl

SVN

▣ Technical lead for Web application architecture and development

⌚ 3 years in 2006

STMicroelectronics

📍 Crolles

- Implementation of the "Web Consistency Framework": Set of components and rules for web application development
- Component design / development
- Coaching and training of development teams
- International context with HP Services teams (Great Britain, USA), ST Catagne (Italy)

Oracle

Java

Struts

XML

ClearCase

ClearQuest

Javascript

Applets

jQuery

▣ Development of the new offer indexing engine

⌚ 3 years in 2003

Kelkoo

📍 Grenoble

- Development and design of a message-based architecture
- Development of indexation processes

Mysql

Java

Apache Lucene

SVN

📺 Development of a license management website

🕒 10 months in 2001

Hewlett Packard

📍 Grenoble

- Web application development
- Design and development of a CORBA engine in C++

Oracle

Java

Struts

C++

CORBA

CVS

CSS

Javascript

jQuery

📺 Architecture and development of the customer file

🕒 18 months in 2000

AMT / Crédit Agricole Technologies et Services

📍 Annecy

- Initial developments of a multi-layer architecture designed for a web application overhaul
- Prototyping and experimentation
- Interface with Cobol business services

Weblogic

Java

Visual Source Safe

CSS

Javascript

XML / XSLT

Aegis

Maintenance Technician / Developer

📍 Le Bourget du Lac 📅 1996-2000 ⌚ 4 yrs

▶ Maintenance Technician / Construction aggregate Management Software Developer

⌚ 2 yrs

- On-site maintenance and installation
- Development

Windev

▶ R&D Multi-Agent System research project

⌚ 2 yrs

- Development of a conceptual graph manipulation library
- Development of graphical interfaces

Smalltalk

VisualWorks

Oracle

PERSONAL PROJECTS

Computers being a passion, it is essential for me to explore new technologies and participate in the development of free software

📺 GPS track search engine for mountain biking

🕒 10 years in 2010

RandoVTT.com

- GPS track indexing robot on major sharing sites for tracks
- Geographic track search engine with map selection
- Tracks display website

Postgresql

Postgis

Java

Spring MVC

Javascript

jQuery

📺 Graphotherapy report writing assistance tool

🕒 1 year in 2020

- Creation of a website prototype for a graphotherapist friend
- Requirements gathering and interface design for the prototype
- Report generation engine based on a Word template
- Project in finalization and commercialization phase

Postgresql

Postgis

Java

Spring Boot

FlyDB

Doc4J

Spring MVC

Typescript

jQuery

📺 Climbing gym search engine

🕒 3 days in 2025

- Creation of a database-free application for Angular training
- Use of an open data service for French sports facilities
- Use of an address autocompletion service in France (BAN)

Typescript

Angular

▶ Address input component with autocompletion for French addresses provided by BAN

🕒 1 week in 2025

- Development, testing, documentation, and publishing of the component on npmjs

Typescript

Angular

▶ Date manipulation component

🕒 2 days in 2025

- Development, testing, documentation, and release of the component

Java



Development of an energy data parser

🕒 2 days in 2018

- Development of a data parser for energy producer data integration into Electricity Maps

Python