

Pascal HERAUD

Senior Java/JS Fullstack Developer

CONTACT

• Pontcharra, France

https://heraud.ovh

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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

no Curious

\E Rigorous

INTERESTS

★ Sport

Travel

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)

 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)

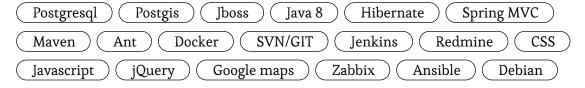
Capacitor (1 yr) (React (3 months)) (Angular (2 months)

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



- Development of the illicov.fr carpooling lines website
- O 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



- 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

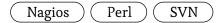
Objet Direct / Viseo

Consultant / Developer / Architect / Trainer

- **♀** Grenoble **■** 2000-2011 **⑤** 11 yrs
- Creation and deployment of monitoring packages
- 1 year in 2010

Kelkoo

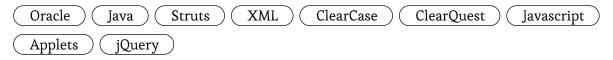
- Grenoble
 - Development of Nagios probes for monitoring Kelkoo WebServices
 - · Packaging and production deployment



- Technical lead for Web application architecture and development
- **9** 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)



- Development of the new offer indexing engine
- **9** 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
- **1**0 months in 2001

Hewlett Packard

Grenoble

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



- Architecture and development of the customer file
- **1**8 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

A_{egis}

Maintenance Technician / Developer

- **Q** Le Bourget du Lac **=** 1996-2000 **Q** 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
- O 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
- **1**0 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

- Matching platform for home care assistants
- 1 month in 2025

Auxiliaires.fr

- Design / development
- SEO
- Installation / deployment on a private server

Postgresql Postgis Java Spring Boot React Typescript

- 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

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 **Q** 2 days in 2025 • Development, testing, documentation, and release of the component Java Development of an energy data parser **Q** 2 days in 2018 Development of a data parser for energy producer data integration into **Electricity Maps** Python