

# Pascal HERAUD

# Senior Java/JS Fullstack Developer

#### **CONTACT**

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#### **EDUCATION**

**B**accalauréat (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

Zabbix (15 yrs)

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)

Debian (15 yrs)

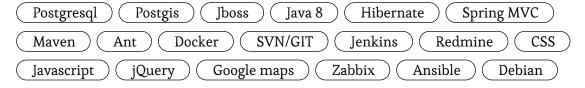
Ansible (15 yrs)

## **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



- 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

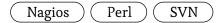
# Objet Direct / Viseo

Consultant / Developer / Architect / Trainer

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

### Kelkoo

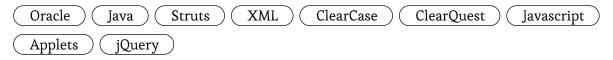
- Grenoble
  - Development of Nagios probes for monitoring Kelkoo WebServices
  - · Packaging and production deployment



- 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
- 10 years 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

- 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
- **S** 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