



# ROLAND PAIRE

Senior Software Developer Fullstack - Freelance

## SKILLS

Javascript	7+ yrs
NodeJs	7+ yrs
React	4+ yrs
Typescript	4+ yrs
Serverless	3+ yrs
GraphQL	3+ yrs
GIT	7+ yrs
BDD (Sql, NoSql)	7+ yrs

## CONTACT

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## WORK EXPERIENCE

### Senior software developer

Heyday by Hootsuite, Montreal, Canada

Nov 21 - Jan 23

Development of an application to improve the web presence of businesses on different channels (Messenger, Twitter, Instagram, WhatsApp) via a dashboard to centralize all the channels and a chatbot on the web site.

- Architecture design to move from a monolith to micro-services and a SaaS-type API
- Integration of Hootsuite and Heyday software
- Training new developers
- Maintenance of existing infrastructure
- Design and implementation of authentication and authorization services (SSO)

### Skills

- NestJs, NodeJs, Micro-service, serverless, SaaS, Gitlab, Typescript, AWS, DynamoDb, Lambda, SQS
- OpenAPI, Agile, project monitoring and planning, technical feasibility and technical debt study

### Backend Developer, freelance

Heyday, Montreal, Canada

Avr 20 - Nov 21

Development of a chatbot to improve the work of support teams and improve sales on e-commerce website.

- Integration of third-party APIs for the chatbot (Prestashop, shopify, sales-Force, ...)
- Integration of communication channels (Whatsapp, instagram, ...)
- Maintenance and development of new features for the chatbot
- Upskilling of new developers on the product
- POC on new technology

### Skills

- NodeJs, Typescript, NoSql, cloudformation, AWS, Dynamodb, lambda, IAM, GitLab
- Agile, autonomy, functional and technical analysis, TDD, functional writing

## 2012 - 2013

### Masters degree, Complementary skills in computer

University Rennes 1

Main thematic : Programming introduction (caml), Programming 1 and 2 (Java), Web conception (HTML, CSS, PHP, JavaScript, Ajax), Algorithm 1 and 2 (C++), XML, Language C, C++, Analyse (UML), System 1 and 2 (Assembly, Java), Data base (MySQL), caor.

## 2010 - 2012

### Masters degree, Modelisation of biological systems

University de Rennes 1

Main thematic : Programming (Python), Algorithm (Scilab), Population dynamics (R), Maths : statistic probabilities, Bayesian introduction, Sensibility analysis, SIR model, Epidemiology.

## 2007 - 2010

### Degree, cellular biology and physiology

University of Western Brittany

Main thematic : Physiology, Genetics, Maths, Bioinformatics (Statistiques tests), Biochemistry, Molecular biology, Marine biology, Plant biology, Animal biology, Biotechnology, Population dynamics.

### Co-founder et CTO Hotel Skipper, Brest, France

Nov 16 - Déc 20

Development of a SaaS management control application for hotels.

- Study of the practices of hoteliers in the management of their operations
- Design of the web application and a software architecture
- Choice of technologies adapted to the project to limit the technical debt
- Creation of a POC, and deployment of marketable versions
- Management of a team of 5 developers
- Design of micro-services architecture
- Setting up continuous deployment with automatic tests (TDD)

#### Skills

- AWS, NodeJs, NestJs, React, Typescript, GraphQL, MongoDB, Github, Météor
- Agile, Architecture design, team management

### Business Intelligence Developer Sopra Steria group, Nantes, France

Mai 14 - Nov 16

Development and maintenance of BI applications for the client RTE.

- Realization of impact studies and quotes
- Software development based on customer needs
- Software maintenance
- Informatica and Shell trainer
- Lead Developer
- Implementation of test automation tools

#### Skills

- ETL Informatica, Java, Javascript, Html/css, Shell, Oracle, SQL, Jenkins
- Creation and management of training

### Development Engineer Internship Thales Underwater Systems, Brest, France

Avr 13 - Sep 13

Artificial intelligence of an underwater drone.

- Development of an expert system in Prolog
- Implementation of an AI to find the best trajectory of the drone
- Setting up a web service in Java

#### Skills

- Prolog, Java, PostgreSQL
- Algorithm A\*