Guillaume Crespel

Pragmatic solutions designer with business impact.

C(P)TO & freelance developer, I support startups in creating innovative products from A to Z.

LinkedIn GitHub Malt Strava

Skills

I bring to your product

Scalability

Cloud-native architectures that evolve with your growth without costly refactoring

Business

Technical decisions that optimize costs and accelerate time-to-market

Vision

Pragmatic solutions that avoid over-engineering and deliver value quickly

I integrate into your team

Pragmatism

Focus on solutions that solve real problems, not imaginary ones

Prioritization

Concentration on high-impact tasks that move the project forward quickly

Leadership

Technical mentoring and team facilitation to maximize collective productivity

Experience

Interim CTO 2025-01-01 - Present

Cockpit Agriculture - Nantes, Pays de la Loire, France

Development of a SaaS platform for economic management for farmers, aiming to digitize their financial data and optimize their profitability.

- Design and development of a modern and pragmatic architecture using React, TypeScript and Supabase
- Implementation of an OCR system and generative AI for automated extraction of financial data
- Setting up a scalable and secure cloud infrastructure
- Development of an intuitive user interface with real-time data visualizations and charts
- Implementation of financial analysis features and profitability optimization
- Technical leadership of a development team
- Conducting user interviews to validate needs and improve user experience
- Definition of product roadmap and development priorities
- Development of technical strategy and architectural choices
- Contribution to business plan development and overall strategy

Technical leadership and product vision

Team management and recruitment

Software architecture and technology choices

Full-stack development

Artificial intelligence and data processing

Agile project management

Communication and client relations

Co-founder & Developer

2018-02-01 - Present

uni rakun - Nantes region, France

From CTO to CTO: My journey of supporting startups from 0 to 10. After 8 years of experience as a freelance developer, I had the privilege of accompanying several entrepreneurs in their product creation adventure. What excites me? Transforming a vision into technical reality while building a solid team.

- · Accompaniment of several entrepreneurs in their product creation adventure
- Technical development: Robust architecture, adapted technological choices, and maintainable code
- Product: Focus on user experience and scalability
- Team: Recruitment and training of talented developers
- Pragmatic approach: Prioritize simple and effective solutions
- Clear communication: Translate technical to business
- Long-term vision: Build to last

Technical leadership Entrepreneur accompaniment Robust architecture Technological choices

Recruitment and training Technical communication Product vision Scalability

Senior Frontend Developer

2024-04-01 - 2025-06-01

Decathlon France - Nantes, Pays de la Loire, France

Objective: build a small team to redefine Decathlon World's checkout system!

Creation of a modular frontend to adapt to different use cases for each country

- Design and implementation of hexagonal architecture within a DDD context
- Communication with various peripherals such as RFID bins
- Integration of services within existing hardware with a Kubernetes environment
- Respected test pyramid through E2E and integration testing

Hexagonal architecture Domain Driven Design (DDD) Peripheral communication

Hardware integration E2E and integration testing Modular frontend development

Full Stack Developer

2022-02-01 - 2024-03-01

Societe Generale Corporate and Investment Banking - SGCIB - Nantes, Pays de la Loire, France

The team I joined within SG Market execution develops a set of applications that serve as a B2B marketplace for financial products.

- UX thinking
- Frontend optimization
- Feature development
- E2E test implementation

Full-stack development Frontend optimization E2E testing B2B marketplace
Financial products

Web Developer

2019-03-01 - 2022-01-01

DARVA - Nantes region, France

DARVA is a company expert in web solutions and EDI (Electronic Data Interchange) based in Niort and intended for all professional players in insurance. With Fabien JUIF, we help the BI service facilitate access and governance of "claims data" for Darva collaborators as well as insurance industry players.

- Development of NodeJS batches for storing insurer data
- Creation of user interfaces with the ReactJS ecosystem
- Facilitation of access and governance of claims data
- Collaboration with the BI service

Full-stack development Data processing Data governance User interface development

Collaboration with business teams

Frontend Developer

2018-07-01 - 2019-03-01

Metroscope - Paris region, France

Metroscope is a startup, subsidiary of the EDF group, composed of about ten people. With Fabien JUIF, we implemented and continue to develop the Metroscope product on the Front-End remotely. Once secured and in production, we trained our successors so they could be autonomous on the implemented stack.

- Front-End development
- Assistance with product ergonomics
- Interviews and choice of successors

- Training of successors
- Securing and putting into production

NodeJS Trainer

2018-10-01 - 2018-10-01

DARVA - Niort region, France

DARVA is a company expert in web solutions and EDI (Electronic Data Interchange) based in Niort and intended for all professional players in insurance. I intervened in the BI service to train them in server-side Javascript development with NodeJS.

- Training over 3 weeks with theory and practice
- Training on the basics of Javascript ES6 syntax
- Explanation of the NodeJS engine and its core modules
- Training on asynchronism
- Training on stream usage
- Training on various tools: Koa2, mongoDB, socket.io
- Creation of a game API at the end of training

Technical training Pedagogy Knowledge transfer NodeJS development Javascript ES6

Software Architecture Consultant

2018-03-01 - 2018-06-01

Metroscope - Paris region, France

Metroscope is a startup, subsidiary of the EDF group, composed of about ten people. With Fabien JUIF, we challenged their MVP to produce a first version on a solid and efficient stack.

- Reflection on database structure
- Reflection on appropriate Front-end and Back-End technologies to use
- Implementation of Front-End and Back-End technical foundation
- Implementation of CI/CD
- Assistance with agile project management (scrum)

Software architecture Technology choices CI/CD implementation Agile project management

Scrum Database design

Lead Developer - Frontend

2016-10-01 - 2018-01-01

SANTECLAIR - Nantes region, France

Santéclair is a mutual insurance network with an IT department of 20 people. I was their technical Front-End manager for the development of web/mobile applications to help access healthcare.

- Training teams in these new technologies
- Partnership contact with companies enabling online booking (Pages Jaunes, MonDocteur, Doctolib)
- Actor in the company's agile transformation
- Actor in the evolution of processes and Cl platform

- Development of the TrouvTonDoc application: geolocation of healthcare professionals, RAC calculation, online appointment booking
- Development of the Devis Dentaire application: online dental quote with simplified ergonomics and RAC calculation
- Development of the Telemedicine application: connecting an insured person with services like MesDocteurs

Technical leadership Team training Partnership management Company agile transformation

Process evolution Mobile application development Open source contributions

Lead Full Stack Developer

2016-03-01 - 2016-06-01

CMC (Creative Media Consulting) - ContentFlow - Paris region, France

ContentFlow is a platform connecting major accounts with advertising agencies. I worked during the product initialization to produce a coherent MEAN stack.

- Implementation of technical architecture on a MEAN stack
- Front and back development of the application
- Implementation of code quality tools

MEAN architecture Full-stack development Implementation of quality tools Product initialization

Lead Full Stack Developer

2015-07-01 - 2016-03-01

Ministry of Solidarity and Health - Nantes region, France

SIAO is the French Integrated Reception and Orientation Service. I intervened for their needs regarding social emergencies, the 115.

- · Implementation of a modern and coherent technical stack
- Challenge on the ergonomics of the Front-End part with SIAO teams
- Implementation of CI/CD
- Training of Back-End and Front-End development teams

Modern architecture Ergonomics and UX CI/CD implementation Team training

Full-stack development

Developer / Ops

2010-05-01 - 2012-04-01

CGI - France

For the Reinette project at LaPoste in a 50-person Service Center, I carried out missions within the TMA for managing La Poste's account and center repositories.

- Design and implementation of various application architectures
- Implementation of frameworks such as Spring, Struts, Hibernate, as well as proprietary LAPOSTE frameworks
- Management of continuous integration platforms, implementation of deployment scripts, creation of deliverables
- Management of Apache Tomcat and IBM Websphere components
- Feature estimation
- Supervision of a development team

Application architecture Platform management Continuous integration Deployment

Estimation Team supervision

Technologies

State Management



Frontend



Testing



styling



language



Backend



Database



container



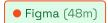
Cloud



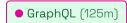
vcs



design



api



baas

