# THIERRY FERLAND

## Lead Developer

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## SUMMARY

Experienced technology leader transitioning from a CTO role to pursue hands-on development in the web3 space. Combining a strong background in FullStack development, software architecture, and DevOps with a growing passion for blockchain, cryptocurrency, and DeFi. Eager to apply extensive technical expertise and leadership experience to innovative projects in the decentralized ecosystem. Actively expanding proficiency in web3 technologies to drive cutting-edge solutions in this rapidly evolving field.

## EXPERIENCE

### Fractional CTO | Lead Developer | DevOps

**Obius**  📅 03/2024 - Present  📍 Madrid, Spain

Sales & Operations Software

- Leading the launch of a Shopify App focused on addressing key operational challenges for small e-commerce businesses.
- Implemented a Python-based sales and inventory forecasting algorithms, enhancing operational decision-making and inventory accuracy.

### Founder | Tech Leader | Developer | DevOps

**Choclo.tech**  📅 10/2022 - Present  📍 Madrid, Spain

Tech Solutions for Small Food Retailers

- Guided startups in delivering MVPs on time and within budget, ensuring efficient use of resources and accelerated go-to-market strategies.
- Implementing digital solutions to boost operational efficiency for small food retailers.

### CTO - Software Architect - Lead Dev - DevOps

**La Récolte**  📅 04/2018 - 10/2022  📍 Paris, France

Organic Food Chain

- Led a team of 5 to build a fully integrated in-house ERP, significantly boosting operational efficiency.
- Scaled the business from 1 to 6 stores by deploying seamlessly integrated technology solutions.
- Designed API (RESTful and graphQL) and integration solutions.

### Senior Product Manager

**Murex**  📅 07/2014 - 08/2017  📍 Paris, France

Fintech

- Identification and analysis of customer needs.
- Prioritization and conception of new product features.
- Coordination of development work with developers and UI designers.
- Testing and validation of enhancement with clients.

### Product Manager

**Murex**  📅 10/2011 - 07/2014  📍 New York City

### Risk Consultant

**EDF Trading North America**  📅 10/2009 - 07/2010  📍 Houston, Texas

### Senior Risk Analyst

**At Several Power Trading Companies**

📅 2005 - 2009  📍 Ottawa CA, Montreal CA, London UK

## EDUCATION

### M.Sc., Finance

**HEC Montréal**  📅 2005

### Bachelor in Business Administration

**HEC Montréal**  📅 2003

## SKILLS

### Backend

Javascript  Python  Kafka  Jest
GraphQL  Node.JS  express.js

### Front-end

Angular  React.js  CSS  Typescript

### DevOps

Docker  Kubernetes  CI/CD  AWS

### Database

Mongodb  Postgresql  MySQL  Redis

## LANGUAGES

| Language | Level | |
|---|---|---|
| French | Native | ● ● ● ● ● |
| English | Native | ● ● ● ● ● |
| Spanish | Proficient | ● ● ● ● ○ |

## KEY ACHIEVEMENTS

💎 **Enabled Profitable Growth Through ERP Development (la-recolte.net)**

Led the development from scratch of a fully integrated and scalable ERP system based on a microservices architecture that was crucial to scaling from 1 to 6 stores, driving revenue from $2M to $6M. The ERP optimized operations and made expansion profitable by streamlining processes and improving efficiency.

💎 **Launched a Shopify App in Record Time and Budget (apps.shopify.com/obius)**

Led a small team to design, develop, and launch a Shopify app within just 2 months and under a $30k budget. The app is listed on the Shopify app store, delivering a streamlined solution for small e-commerce businesses.

## WEB3 & BLOCKCHAIN INTERESTS

### Bitcoin and Monero Mining

Set up an off-grid solar-powered system to mine Bitcoin and Monero. Running a full monero node for p2p mining.

### PoC on the VeChain Thor Blockchain

Developing a web3 solution with Solidity smart contracts to standardize purchasing between retailers and suppliers. Integrating on-chain purchase orders for interoperability between systems and logistics optimization.