

# Emmanuel CHRIQUI / CTO, Engineering Manager

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## Contact Information

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## Professional Summary

Seasoned Software Engineering Manager with 25+ years leading technical teams and driving complex projects in finance, internet security, and video game industries. Proven track record in strategic planning, team leadership, and implementing innovative solutions. Currently focused on Finance and AI (ML/LLM) integration. Good in fostering collaboration, optimizing team efficiency, and driving technological innovation.

## Key Skills

- **Leadership & Management:** Team Leadership, Project Management, Strategic Planning, Agile Methodologies
- **Technical Expertise:** Software Architecture, Design, TDD, C++, C#, Python, AI/ML, CI/CD, DevOps, MLOps, LLMOps, Pragmatic Programming, Craftsman, Clean code
- **Financial Technology:** Trading Systems, Market Analysis, Quantitative Insights
- **Soft Skills:** Communication, Problem Solving, Team Development, Conflict Management, Stakeholder Management
- **Innovation:** Product Development, R&D Leadership, Technology Integration
- **Business Acumen:** Budget Management, Resource Allocation, Client Relations

## Professional Experience

### CTO and Senior Developer (C++/C#,Python) | PE2

Paris, France / Dallas, Texas, USA | 2015-07/2024

- Modernized market analysis systems and developed trading strategies considerably improving processing speed, market exposure and P&L.
- Conducted advanced data analysis and machine learning.
- Led a team of 3-15 in software development DevOps and MLOps.
- Collaborated with financial professionals for quantitative insights.

### Trader and Senior Developer (Retail Trading, C++/C#) | ECIDev

Paris, France | 2011-2015

- Self-taught in retail trading on American and European exchange markets.
- Intensive trading tools & strategies development (SierraChart, NinjaTrader, and more).
- Day trading and strong engagement with other traders.

- Focused on Futures, Options and Stocks.

## **Director of IT - Internet Activities Department | La Poste / Groupe Courrier**

Paris, France | 2008-2010

- Established and led the 'Internet Activities Division'.
- Developed 'DigiPoste' digital mailbox service.
- Managed technical budgets and teams, and formulated development strategies.

## **CEO - Entrepreneur | FOREVERSAFE**

Paris, France | 2003-2008

- Co-founded an online data storage startup.
- Raised nearly €1M and built a user base of 75,000.
- Managed business and marketing strategies.

## **CTO - Director of Software Development | KINOMAI**

Paris, France | 2001-2003

- Recruited and managed a development team.
- Designed and developed innovative audiovisual products.

## **Senior Project Manager | MSI (Arkoon Network Security)**

Paris, France | 1998-2001

- Managed IT security projects for major accounts.
- Led teams and handled customer relationships.

## **Software Engineer & Project Manager | Cryo Interactive Entertainment**

Paris, France | 1994-1998

- Programmed video games and managed development teams.

## **Education**

Master's Degree in Computer Science | Université Paul Sabatier (Toulouse III) | 1995

## **Languages**

French (Native), English (Fluent), Hebrew (Native)