

ROMAIN DIEGONI

London, UK

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Profile

I started building trading systems at Societe Generale and Natixis, then moved to London where I helped TrueLayer ship their first payment product and built a design system used by 8+ teams. I founded SubVortex, a decentralized subnet in the Bittensor ecosystem, and took it from zero to a fully operational product. 15+ years across investment banking, fintech, blockchain, and developer tooling shaped how I think about software: every line of code should serve the business and the people using it.

Today I design agentic workflows that let AI agents handle repetitive engineering work so your team focuses on problems worth solving. I wire these into existing codebases and CI/CD pipelines, turning days of work into hours. The goal is simple: multiply your engineering output without multiplying your headcount.

I take on full-time roles, contracts, and short engagements. Hands-on development, architecture reviews, technical advisory, or early-stage brainstorming. If your team should be shipping faster, let's talk.

Work Experience

SubVortex (London, UK)

Feb 2024 – Jan 2026

Founder

Key roles and responsibilities

- Founded and shipped a production decentralized subnet in the Bittensor ecosystem, giving developers programmatic access to distributed nodes for network queries.
- Owned the full stack as product owner and principal engineer: system architecture, protocol design, incentive mechanics, and operational reliability.
- Built Python backend services handling node discovery, routing, scoring, and performance optimization, plus React dashboards for real-time subnet health monitoring.
- Built detection tooling to catch abnormal node behavior and mitigate network-level attacks, integrating Rust/Substrate blockchain primitives with off-chain services.

Stack: Python, React, Rust, Substrate, Polkadot, Bittensor, Distributed Systems, Docker

Aer Compliance (London, UK)

Aug 2022 – Feb 2024

Senior Software Engineer

Key roles and responsibilities

- Joined as one of the first 10 engineers, providing senior full-stack development to founders launching and scaling toward exit.
- Shipped customer-driven features that lifted satisfaction ratings and built a new capability that increased user engagement across the platform.
- Set up CI/CD pipelines that cut deployment time and raised code quality, and added E2E tests covering full system functionality and user flows.

Stack: TypeScript, React, Next.js, Python, FastAPI, PostgreSQL, GitHub Actions, Docker

TrueLayer (London, UK)

Apr 2018 – May 2022

Full Stack Engineer / Lead Engineer

Key roles and responsibilities

- Joined as one of the first 15 engineers and grew into a lead managing direct reports serving 8+ internal teams.
- Built the V1 payment product that contributed directly to early fundraising milestones.
- Led the internal Design System: 90 components, 3 themes, used by 8+ cross-functional teams to ship faster.
- Built the V2 console with Domain-Driven Design and shipped a donation SPA within weeks to support charities during COVID.

Stack: TypeScript, React, C#, .NET, Kubernetes, Docker, PostgreSQL, Domain-Driven Design (DDD)

Anabode (London, UK)

Dec 2017 – Nov 2018

Co-Founder - Engineer

Key roles and responsibilities

- Co-founded and built Anabode, a cross-platform property management app for landlords, tenants, and service providers.
- Wrote a shared Xamarin Forms codebase targeting iOS and Android, storing all assets as SVG in S3 to minimize platform-specific code.
- Provisioned AWS infrastructure: Cognito, S3, Lambda, Step Functions, and DynamoDB.

Stack: C#, Xamarin, Node.js, AWS

Perfect Channel (London, UK)

May 2015 – Mar 2018

Web Developer

Key roles and responsibilities

- Designed and built a global bidding engine that supports injection of configurable auction models.
- Built a complete reverse auction model from scratch.
- Migrated the system to a microservices architecture with APIs and web components, making it extensible for new marketplace clients.

Stack: C#, ASP.NET MVC, AngularJS, TypeScript, RabbitMQ, Elasticsearch

AXA Investment Managers (Paris, France)

Aug 2014 – Apr 2015

Architect .Net

Key roles and responsibilities

- Wrote custom FxCop rules to detect security gaps (SQL injection, plain-text passwords, LDAP injection) enforced at build time across .NET projects.
- Set up continuous integration for 120 Java and .NET projects.
- Built a WCF gateway for Excel-to-ServiceNow import and extended the internal deployment tool with rights management and multi-platform support.

Stack: C#, .NET, Java, WCF, CI/CD, Enterprise Architecture

Societe Generale Corporate and Investment Banking - SGCIB (Paris, France)

Feb 2011 – Aug 2014

Senior Software Developer

Key roles and responsibilities

- Built a market-making application for Money Market traders from scratch: GUI, negotiation engine, contributor, and scheduler.
- Built an automated RFQ statistics system that surfaced unanswered quotes, giving traders visibility into missed flow.
- Rebuilt front office trading UIs for Forex Market Makers, cutting latency and improving ergonomics.

Stack: C#, WPF, T-SQL, Oracle, Multithreading

Natixis (Paris, France)

Jan 2008 – Dec 2010

Software Developer

Key roles and responsibilities

- Owned 6 of 10 applications in the perimeter, working independently across the full stack.
- Built 15 batch processes for recomputing fund net values, stock counts, dividend distribution, and capital adjustments.
- Built Winform tooling for middle office to validate Bloomberg quotations, and web services pulling Reuters securities data.

Stack: C#, ASP.NET, T-SQL, Oracle

Skills

Languages	TypeScript, Python, Rust, C#, T-SQL
Frontend	React, Next.js, AngularJS, Xamarin, WPF
Backend	Node.js, FastAPI, .NET, ASP.NET MVC, WCF
Infrastructure	Docker, Kubernetes, AWS, GitHub Actions, CI/CD
Data & Messaging	PostgreSQL, Oracle, DynamoDB, RabbitMQ, Elasticsearch
Blockchain	Substrate, Polkadot, Bittensor
Architecture	Solution Architecture, Domain- Driven Design (DDD), Distributed Systems, Microservices, Full-Stack Development

Education

Certificate General English Intensive	London, United Kingdom	2013 – 2013
Master's degree in Computer Science	Avignon, France	2003 – 2007
Two-year university degree in Technology	Aix-en-Provence, France	2001 – 2003

