

Martin Knapp

Project Manager & Full Stack Developer

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Professional Profile

Strategic, data-driven Senior Project Manager with a proven record of leading complex, multimillion-pound delivery programmes across data, infrastructure, and analytics domains. Experienced in end-to-end project ownership — from planning through execution — with responsibility for delivery outcomes, financial performance, and stakeholder satisfaction.

Skilled at bridging business strategy with technical execution across data warehousing, integration, analytics, and reporting initiatives. Strong commercial acumen with both fixed-price and T&M delivery models, and adept at managing hybrid onshore/offshore teams in agile and waterfall environments.

Core Competencies

- **Project & Financial Governance:** Scope, risk, dependency and change control, monthly financial reporting, invoicing, and cash collection.
 - **Stakeholder & Client Engagement:** Senior-level communication, vendor management, upsell identification, and solution shaping.
 - **Leadership & Stakeholder Management:** Multi-stakeholder engagement, vendor coordination, architectural prototyping, risk mitigation.
 - **Agile / Waterfall Delivery:** Blending Scrum and traditional methodologies to optimise delivery cadence and stakeholder visibility.
 - **Systems Integration & delivery:** Explores data & systems from a Solutions Architect standpoint to determine how data flows across an organisation and its legacy systems.
 - **Tech Literacy:** AWS, Cloudflare, SQL/Postgres, Salesforce, QGIS. TS, JS, React, Vue, PHP, Laravel, Python, and API design for each.
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Professional Experience

CityFibre | BDUK Lead Planner & City Planner (FFN) Aug 2021 – Present

- **End-to-End Delivery Leadership:** overseeing planning, execution, and stakeholder governance across onshore and offshore teams.
 - **Aug 2021 – Dec 2023:** Led the design and build across two projects (Eastbourne & Hastings) for the fibre-to-premises programme.
 - **Dec 2023 – Present:** Leads delivery of the £120M Kent BDUK fibre-to-premises programme,
- **Data Platform Development:** Designed and implemented an enterprise data platform integrating 20+ entities (design, finance, GIS, and delivery datasets) into a unified model supporting analytics, reporting, and drawdown validation.
- **Financial & Risk Governance:** Managed project forecasts, risk registers, dependency maps, and monthly reporting to executive sponsors and government stakeholders.
- **Agile/Waterfall Integration:** Introduced hybrid delivery practices combining agile sprints for design iteration with structured stage-gate milestones for compliance.
- **Commercial Delivery Management:** Delivered projects under both fixed-price (e.g., FEX build packages) and time-and-materials agreements, managing delivery performance, change requests, and supplier relationships post-contract. Ensured cost control, schedule integrity, and commercial alignment with programme objectives.
- **Stakeholder & Vendor Management:** Coordinated multiple suppliers to ensure data and delivery alignment; championed automation to reduce manual duplication.
- **Consulting Mindset:** Provided solution architecture and process-improvement recommendations directly influencing enterprise data governance strategy.

Labyrinth Quantitative Strategies | Co-Founder & Quantitative Systems Architect

NYC | 2011 – 2014

- **Algorithmic Trading & Research:** Co-founded and operated a small quantitative hedge fund focused on high-frequency equity strategies. \$50m AUM. Designed, tested, and deployed machine learning trading systems using Python, and FIX APIs for sub-second execution on co-located servers.

- Co-founded and operated a quantitative hedge fund specialising in high-frequency equity trading (AUM \$50 M).
 - Designed, tested, and deployed organic algorithmic trading systems and analytics pipelines using Python and FIX APIs for sub-second execution.
 - Built proprietary data warehouse and back-testing frameworks processing terabytes of tick-level data for statistical modelling and performance analytics.
 - Oversaw commercial operations, investor relations, and compliance; managed full P&L accountability and capital governance.
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Delivery & Data Expertise

- Data programme delivery — warehousing, analytics, migration, and reporting
 - Financial and commercial governance — change, invoicing, and forecasting
 - Agile/Waterfall hybrid management and Scrum leadership
 - Onshore/offshore team coordination and stakeholder engagement
 - Consulting-led delivery and solution architecture alignment
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Education & Professional Development

MA, International Relations – Webster University (2009)

BA, Political Science – American Military University (2007)

Certifications & Training

- FTTP Design & Passive Architecture (CityFibre Standards)
- Advanced QGIS | Bluebeam Technical Documentation