

ANDREAS CALUSA

Founder | Director | Multi-Agent AI Developer | Engineer | MEng (Hons) | MIET | AMIMechE

CONTACT

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📍 Aberdeen, United Kingdom

PROFESSIONAL SUMMARY

Extensive experience involving Blockchain Technology and the Energy Industry. Commercially aware Leader with skills in Web3, Asset Management, Contractual Excellence, and Global Scale Projects.

EDUCATION

MEng (Hons) MASTER OF MECHANICAL ENGINEERING

University of Aberdeen

SKILLS

- Web3 Blockchain Technology
- Decentralized Identity
- AI Agents
- Verifiable Credentials
- Multilingual
- HTML, CSS, JavaScript
- ERP (SAP, Maximo, NAV)
- Microsoft Office suite
- CMMS (IDMS, AKIMS, BMS)
- CAD (SolidWorks, Inventor)
- FEA (Ansys, Abaqus, Sesam)
- MATLAB (Simulink)
- P&IDs and Isometrics
- PTC Mathcad
- GRANTA EduPack

AWARDS & CERTIFICATES

- Conart UK Champion Award
- Aker Solutions Bronze Award
- Leadership Academy
- Career Mentoring
- STAR Award
- Proxime Accessit Award
- Published Book Cover Artist

EXPERIENCE

FOUNDER

May 2024 - Present, Brain Titan

- Established novel Web3 services involving AI, Gaming, Streaming, NFTs
- Invented multi-Agent AI products with blockchain scalability and utility
- Combined Artificial Intelligence with decentralization, leading to innovation

DAPP DEVELOPER – BLOCKLET STORE

July 2024 - Present, ArcBlock Inc.

- Developed and published over 50 DApps in ArcBlock's Blocklet Store
- Integrated W3C-complaint DID and VCs for enhanced data privacy
- Utilized cutting-edge technology stacks (AIGNE, Blocklet Studio, NFT Studio)

DIRECTOR

October 2023 - Present, Horizon Housing Association Ltd

- Drove asset optimization to enhance value of over 800 properties
- Ensured financial policies are aligned with the company's integrity
- Facilitated collaborative governance to sustain effective decision-making

DIRECTOR

June 2023 - Present, CONART UK Ltd

- Extended visionary leadership by fostering engineering strategic direction
- Promoted sustainable long-term success of the business and its values
- Established effective engagement and professionalism with stakeholders

GLOBAL INSPECTION ENGINEERING SERVICES – P&O AKER CONTRACT

February 2023 - Present, BP p.l.c.

- Analysed P&IDs for Global BP Assets in the North Sea and the Gulf of Mexico
- Safeguarded the team's KPI delivery of SOIRs by covering 35% of total input

MECHANICAL ENGINEER - ASSET INTEGRITY MANAGEMENT

February 2023 - Present, AKER SOLUTIONS Ltd

- Refined anomaly reviews through the implementation of NDT methods
- Created risk assessments by identifying failure modes and mechanisms

PROJECT ENGINEERING MANAGER

July 2020 - June 2023, CONART UK Ltd

- Propelled a 20% growth in annual revenue by securing new business contracts
- Provided assurance of technical delivery and cost management

SENIOR PROJECT ENGINEER

June 2018 - July 2020, CONART UK Ltd

- Optimized asset uptime, maintenance, and reliability by managing a CMMS
- Finalised purchase orders (POs) against the agreed proposal specifications

PROJECT ENGINEER

May 2017 - June 2018, CONART UK Ltd

- Implemented Computer-Aided Design (CAD) of engineering component parts
- Coordinated projects across multiple business lines for on-time delivery