

# VINCENT DOH

## Digitalization Manager

Digitalization Manager | Industry 4.0 | Automation | Data & Industrial Technology Transformation

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### PROFESSIONAL SUMMARY

Innovative **Digitalization & Industrial Technology Leader** with **7+ years of experience** driving Industry 4.0 transformation, factory automation, and data-driven operational excellence across manufacturing and FMCG environments. Proven track record implementing **IoT, Cyber-Physical Systems, AI/ML, Cloud, Industrial IT, and Big Data Analytics** to optimize production, increase productivity, and improve product quality. Expert at leading cross-functional engineering, IT, and operations teams through transformation—establishing robust data systems, automating workflows, and driving change management. Adept at using platforms like **SAP S4 HANA, Salesforce CRM, and FlexiCapture SDK**. Strong leadership, communication, and project management skills with a passion for advancing digital maturity and building modern industrial landscapes.

### EDUCATION / CERTIFICATION

**Institute of Management, Technology and Finance (MFT)**

MFT Online 04.2023 - 05.2024

Mini MBA - Innovations and Digital Transformation

**Harvard University**

Harvard Online, USA. 2021-2023

Data Science: Machine Learning

**Learning Excel: Data Analysis - LinkedIn Learning**

[https://www.linkedin.com/learning/certificates/ef2348f53ad7e1ad74b0d33dd88a8a6b16f0722488b3e5c4283fbaa83890d09e?trk=share\\_certificate](https://www.linkedin.com/learning/certificates/ef2348f53ad7e1ad74b0d33dd88a8a6b16f0722488b3e5c4283fbaa83890d09e?trk=share_certificate)

### TECHNICAL SKILLS

**Tools & Technologies:** SAP S4 HANA, Salesforce CRM, FlexiCapture SDK, PLC Systems, SCADA, IoT Platforms, Industrial Software Suites, Python, SQL, Cloud Services (AWS/Azure), Power BI/Tableau, Git, Jira, Agile tools.

**Programming Languages:** Python, Shell, Bash, SQL

**Automation & AI:** Industrial Automation (PLC, SCADA, DCS), Cyber-Physical Systems, Robotics Integration, IoT Sensor Architecture, Predictive Maintenance (AI/ML), Automated Quality Control, Smart Manufacturing Systems.

### CORE SKILLS & COMPETENCIES

#### Digitalization & Industry 4.0

- IoT (Internet of Things) Integration
- Cyber-Physical & Smart Manufacturing Systems
- Industrial Automation & SCADA Systems
- AI, Predictive Analytics & Machine Learning
- Cloud-based Industrial Solutions

#### Data & Systems

- SAP S4 HANA, Salesforce CRM
- FlexiCapture SDK, ERP & MES Systems
- Big Data Analytics & Real-time Monitoring
- Data Governance, Pipelines & Architecture

#### Engineering & Technology Leadership

- Factory Automation (PLC, Sensors, Instrumentation)
- Industrial IT & Operational Technology (OT)
- Manufacturing Efficiency Optimization
- Lean Operations & Continuous Improvement

#### Professional & Leadership

- Project Management (Agile/Waterfall)
- Team Leadership & Change Management
- Stakeholder Management & Communication
- Cross-functional Collaboration
- Strategic Planning & Execution

## PROFESSIONAL EXPERIENCE

### Digital Transformation / Engineering & Automation Lead

Self Employed — Accra, Ghana

2018 – Present

- Led full-scale **Industry 4.0 modernization projects**, integrating IoT sensors, automated control systems, and real-time data analytics across production lines.
- Implemented digital workflows that increased **production efficiency by up to 30%** and reduced equipment downtime by **25%** through predictive maintenance.
- Directed cross-functional teams in deploying **cyber-physical systems** to improve product traceability, quality control, and operational visibility.
- Established enterprise-wide **data collection and classification frameworks**, enabling data-driven decision support and KPI monitoring.
- Managed end-to-end integration of **SAP S4 HANA** for operations planning and **Salesforce CRM** for customer-facing workflows.
- Strengthened industrial IT infrastructure by implementing secure, scalable cloud-based architecture for factory operations.
- Championed organizational change programs promoting innovation, digital adoption, and continuous improvement.
- Worked closely with engineering, supply chain, and IT teams to align digital initiatives with business goals and shareholder priorities.

### Business Intelligence Analyst

Ingco Ghana

Hybrid – Accra. 2023 – 2025

- Analyzed large sets of operational data to uncover inefficiencies and drive data-backed improvements in production workflows.
- Created automated reporting dashboards for performance monitoring using BI tools, ERP, and cloud systems.
- Supported the development of data architectures and internal tools for data acquisition, storage, and analysis.

### Risk Hub Junior Analyst Intern

Mastercard

Remote, USA. Nov 2022

- Assisted in developing 2+ risk models, supporting risk identification and reducing assessment time by 15%.
- Analyzed 100+ data sets, identifying risk patterns and delivering actionable insights to senior management.
- Monitored and reported on 5+ key risk indicators (KRIs), improving the accuracy of risk detection by 20%.
- Researched and identified emerging risks, presenting findings to the team, helping the company stay ahead of regulatory and financial risks.
- Enhanced security awareness programs by applying AI to analyze threats, leading to a 35% improvement in threat detection rates and a 20% decrease in security incidents.

### Computer Support Specialist | System Admin

KenTech IT Solutions

Accra, 2017 - 2021

- I provided support for computer and office technology life cycle.
- I investigated troubleshoot issues, consistently exceeding the team's timeline expectations with swift and efficient case resolutions.

## PROJECT HIGHLIGHTS

- **Factory Digital Twin Implementation:** Built a real-time digital replica of key production processes to support simulation, maintenance planning, and optimization.
- **Predictive Maintenance System:** Deployed IoT sensors + AI analytics to reduce machine breakdowns by over 20%.
- **Paperless Operations Program:** Automated documentation processes, reducing errors and saving 15+ hours/week.