

IDA PADIKUOR NA-TEI

PROFESSIONAL SUMMARY

Dynamic Designer and Engineer with over seven years of experience leading technology-driven projects and managing cross-functional teams. Skilled in translating complex ideas into meaningful user experiences through design thinking, creative problem-solving, and human-centered research. Experienced in streamlining processes, coordinating interdisciplinary efforts, and shaping strategies that enhance engagement and impact. Deeply motivated to apply design and technology to create inclusive, educational, and emotionally resonant experiences that empower diverse communities and strengthen organizational presence.

EXPERIENCE

Manager, Contracts & Tenders Engineers

The Automation Ghana Group | Accra, Ghana | September 2018 - August 2025

- Applied design thinking and systems mapping to improve proposal workflows, transforming complex technical information into clear, user-centered presentations that drove successful contract bids.
- Supported end-to-end project design and implementation for projects exceeding \$3M, coordinating planning, prototyping, and evaluation using tools such as NetSuite ERP, Gantt charts, and Excel to ensure efficient delivery and user satisfaction.
- Created design-informed proposals that helped secure high-value partnerships, blending storytelling, technical communication, and strategic design planning.
- Collaborated with multidisciplinary teams, clients, and government stakeholders to align design objectives with operational goals and deliver accessible, high-impact experiences.
- Championed human-centered design principles in workplace processes, earning a CEO Safety Award for improving user safety systems and operational environments.

Co-Founder & CEO

CTN Technologies (EdTech StartUp) | Accra, Ghana | July 2020 - June 2025

- Designed an innovation project on an Automated Soap Factory, demonstrating the integration of creative engineering, design iteration, and user-focused efficiency improvements.
- Designed and managed an interactive learning platform that introduced young learners to hands-on experiences in robotics, drones, electronics, 3D printing, and coding, fostering creative confidence and future-ready skills.
- Applied human-centered design principles to structure engaging STEM training modules to enhance accessibility and user engagement across diverse communities.
- Led cross-functional collaboration between educators, engineers, and designers to co-create meaningful learning experiences that blended technology, storytelling, and design strategy.
- Conducted user research and feedback analysis to understand learner behaviors and preferences, translating insights into iterative improvements in platform usability and curriculum design.

Tech Policy And Education Advocacy

Internet Society and UNICEF | June 2021 - April 2025

- Contributed to regional and global internet governance dialogues through active engagement with Internet Society and ICANN processes, advancing inclusive, open, and rights-respecting internet policy for Africa and the Global South.
- Represented youth and community perspectives in multistakeholder forums, supporting policy discussions on digital rights, online safety, access, and emerging technologies.
- Supported capacity building and advocacy initiatives that strengthened youth participation in internet governance, policy literacy, and responsible digital leadership.
- Advanced SDG 4 education outcomes by collaborating with UNICEF Ghana on youth centered advocacy for equitable access to quality education, digital skills, and safe learning environments.
- Led and supported community and national level education initiatives focused on underserved children and young people, integrating technology, inclusion, and child online safety into learning pathways.

Mandela Washington Fellow

Lehigh University | Pennsylvania, USA | June 2023 - August 2023

- Strengthened human-centered leadership through experiential learning in design thinking, innovation strategy, and entrepreneurial management.
- Applied user-focused design methods to develop scalable social impact projects, integrating empathy, research, and iterative problem-solving.
- Improved Cultural & emotional intelligence to support inclusive teamwork and empower emerging leaders within community and organizational settings.
- Recognized for outstanding social impact and leadership through multiple honors, including a Commendation Letter from the Vice President of the United States, a Special Congressional Certificate (7th District of Pennsylvania), and a Certificate of Recognition from the Mayor of Allentown.

CONTACT

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[Bold Profile](#)

SKILLS

- AI Engineering
- Contract negotiation
- Business development
- Product development
- Operations management
- Cross-functional collaboration
- User research
- Leadership
- Project Management
- Strategic planning
- UX Design
- UX Research
- Figma
- Adobe Photoshop
- 3D printing
- Autodesk Fusion 360
- Adobe Illustrator
- Eplan drawing
- Intercultural relations
- Public Speaking
- Collaboration
- HCI Design
- Human-centered design
- Project management
- Marketing
- Negotiation
- PLC Programming
- Javascript
- HTML
- CSS
- Design thinking
- Tendering
- Technical Documentation
- Storytelling

EDUCATION

Master of Design Engineering

Emerging Technologies, Product Design
University of California-Berkeley, California
Expected in December 2026

BSc. Electrical/Electronic Engineering

Electrical/Electronic Engineering
Kwame Nkrumah University of Science And
Technology, Ghana

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July 2018