

Lukundo Changwe

Instructional Designer | Industrial Designer | CAD Designer | Technical Writer

Frisco, TX
(214) 714-4458
Lschangwe@gmail.com

EDUCATION

University of Houston Houston, TX

Bachelors of Science in Industrial Design AUG 2014 - MAY 2018

EXPERIENCE

BILT Incorporated Grapevine, TX

Senior Instruction Designer II NOV 2024 - PRESENT

- Lead end-to-end instructional design projects for U.S. Navy & Air Force, aligning multi-stakeholder teams to deliver compliant, high-impact training.
- Manage project scope, strategy, and execution, translating complex data into engaging, actionable learning deliverables.
- Drive adoption of digital training modules, reducing onboarding time and improving learner performance.

Senior Instruction Designer I SEPT 2022 - NOV 2024

- Designed 3D animated instructional experiences, transforming 2D manuals into immersive learning solutions.
- Standardized design workflows, improving efficiency and scalability across projects.
- Partnered with clients and SMEs to conduct needs assessments and deliver tailored instructional outcomes.

Fortress Building Products Garland, TX

Industrial Designer/ Technical Writer FEB 2020 - SEPT 2022

- Authored and maintained installation manuals, technical guides, and engineering reference documentation.
- Ensured new and revised documentation followed revision control and stakeholder review processes.
- Collaborated with mechanical engineers to document validated installation and product usage procedures.
- Created quick reference guides and dealer documentation to support field installation and training.
- Developed and maintained document templates to improve publishing efficiency.
- Supported engineering teams by producing CAD visuals and diagrams using SolidWorks.
- Assisted with documentation related to product testing, validation, and field feedback.

CORE SKILLS

Instructional Design
Program/Project Management
Learning Strategy
Design Strategy
Technical & UX Writing
3D Animation
SolidWorks/Keyshot/CAD
Prototyping
Product Development
Adobe Suite

Career Highlights

Delivered military-grade training programs meeting Navy & Air Force compliance standards.

Improved onboarding efficiency and learner adoption with digital-first training.

Increased design team efficiency by standardizing workflows at BILT.

Developed technical manuals that improved field adoption and safety compliance.

SOCIAL MEDIA

Website/Portfolio:
www.Lukundochangwe.com

LinkedIn:
www.linkedin.com/in/lukundochangwe

LANGUAGES

English, Bemba

