

jmnarthur@gmail.com

+254728300060

00400, Nairobi Kenya

Skills

- Project and program management
- Asset management
- Program Management
- Portfolio Management
- Strategic planning
- AI and technology integration
- Contract Management
- Technical Design
- Management and leadership skills
- Communication skills
- Problem-solving skills
- Agile methodologies
- Analytical thinking
- Friendly, positive attitude
- Problem solving

Education

01/2012

Bachelor of Science:

Mechatronic Engineering

**Jomo Kenyatta University of
Agriculture & Technology**

Kiambu, Kenya

Websites, Portfolios, Profiles

- jamesarthurnganga.com

Certifications

- Project Management Professional (PMP), PMI
- Program Management Professional (PgMP), PMI
- Certified Solar Technician Level T3, EPRA, Kenya
- Contract Management Professional, National Contract Management Association (U.S.)

JAMES NGANGA

Professional Summary

Strategic and results-driven Engineering & Project Development Leader with 11+ years of experience delivering high-value infrastructure and renewable energy projects across Africa. Proven success in managing multimillion-dollar portfolios, overseeing EPC and asset lifecycle transitions, and aligning engineering outputs with operational and investor needs. Adept at leading cross-functional and cross-border teams through the full project cycle—from ideation to commissioning—with experience in projects ranging from \$6M to \$90M and capacities up to 60MW.

Experience

Independent Consultant - Self-Employed

Nairobi, KE

11/2024 - Current

- Consulted in engineering, CAD design, renewable energy, contract and project management.
- Delivered technical advisory to PowerGen, Plasma Solar, and Norman-Dean Consulting.

Self - Professional Sabbatical & Skill Enhancement

Nairobi., Kenya

05/2024 - 11/2024

- Upskilled in Agile, Hybrid Project Management, PgMP Hybrid Management, PfMP, Python, Java, C#, AI, and ML.
- Focused on innovation, technological frameworks, and strategic reinvention.

InfraCo Africa - Asset Manager

Nairobi, KE

01/2020 - 05/2024

- Oversaw asset management of utility-scale solar and battery projects, from operational monitoring to equity sale transactions.
- Aligned technical performance metrics with financial KPIs and supported due diligence during asset transitions.

Key Projects:

- *Salima Solar (Malawi)* – 60MW grid-scale solar, \$90M,

- Certificate in 3 Of 4 Company Direction, Institute of Directors (UK)

commissioned 2021.

- *Golomoti Solar + BESS (Malawi)* – 20MW solar with 5MW Li-ion BESS, \$24M, commissioned 2022.

PowerGen Renewable Energy - Engineering Manager

Nairobi, KE

10/2015 - 12/2019

- Led engineering and project execution across multiple African markets for solar mini-grids, rural electrification, and grid extensions.
- Directed stakeholder coordination, technical proposals, system design, and logistics.
- Key Projects:
 - Unilever Tea Estate (Kenya) – \$12M solar-grid hybrid system, commissioned 2022.
 - Finlay's Tea Estate (Kenya) – \$8.2M solar-grid integration, commissioned 2019.
 - UNOPS Sierra Leone (WP1 & WP2) – \$6.9M, commissioned 2021.
 - Tanzania Rural Electrification – \$5.5M–\$6M; transitioned to CrossBoundary Energy via SPV in 2019.
 - Supported mini-grid technical designs for Niger, Benin, Malawi, and Togo under CI program.
 - Coordinated East Africa logistics, reducing import duty costs by 40%.

Gamma Delta Consulting Engineers - Senior Design and Supervision Engineer

Nairobi

05/2013 - 10/2015

- Delivered M&E engineering design and supervision for large-scale residential, commercial, and industrial developments.
- Led procurement strategy, technical design, public tendering, and stakeholder engagement.
- Major Projects Delivered:
 - Sodaking Industries – KES 1.2B
 - Treewall Apartments – KES 950M
 - British Army Training Unit Kenya (BATUK) – £17M mechanical workshop
 - GA Insurance Godowns, Southcote, Eastfield, Madaraka, Kaputei No.7, Oshwal Complex.

Flagship Projects

- **Salima Solar – Malawi**
60MW, \$90M | InfraCo Africa
Asset Manager overseeing operational performance and stakeholder reporting post-commissioning.
- **Golomoti Solar + BESS – Malawi**
20MW solar + 5MW Li-ion battery, \$24M | InfraCo Africa
Directed transition to O&M and asset performance strategy.
- **Unilever Tea Estate – Kenya**
\$12M | PowerGen Renewable Energy
Led engineering proposals and stakeholder alignment across Kenya and the UK.
- **Sierra Leone UNOPS Packages**
\$6.9M | PowerGen Renewable Energy
Developed technical proposal and coordinated design efforts for UN electrification program.
- **BATUK Mechanical Workshop – Kenya**
£17M | Gamma Delta Engineers
Designed full M&E scope for British military facility in Nanyuki.

Professional Memberships

- Institute of Asset Management
- National Contract Management Association
- Associate of Energy Professional in East Africa

References

References available upon request.