

Karimi Muriuki
Nairobi, Kenya.

SUMMARY PROFILE

An accomplished, results-driven engineering professional with over 8 years extensive experience and a proven track record in construction design and supervision, business development, project management and technical sales support.

Proven expertise in managing and directing a team of engineering personnel responsible for project execution and management. Excellent communication skills with demonstrable success in building relationships with cross-functional teams across an organization to serve customers in local and international markets, to drive corporate strategy and also revenue growth.

CORE COMPETENCIES

- Civil Engineering
- Business Development
- Project Management
- Quality Management
- General administration

EDUCATION

- **Jomo Kenyatta University of Agriculture & Technology** **April 2006–Dec. 2010**
B.Sc. Civil Engineering,
2nd Class Honours, Upper Division.
Project: Investigation into Fibreglass as Fine Aggregate in Concrete
- **The Kenya High School** **Jan 2001 – Dec 2004**
K.C.S.E. Mean Grade A- (minus).

PROFESSIONAL REGISTRATION

Institution of Engineers of Kenya (IEK)

I am a graduate member of the institution

Engineers' Board of Kenya (EBK)

I am a registered graduate engineer with the Board

Kenya Green Building Society (KGBS).

I am a member of the society.

WORK EXPERIENCE

1. SAFAL Building Systems Ltd.

January 2017 to date

Position Held: Design Manager (reporting to the Business Head)

Accomplishments:

- Coordinate and provide leadership for the technical department;
- Instrumental in the overall improvement in the cohesive working relations between different departments to ensure technical information is of the right quality and projects are executed to the client's expectations and specifications;
- Advising the organization and stakeholders on engineering codes of practice and current legislation;
- Liaised with all departments in the organization as and when necessary to provide the necessary support required in order to secure new business as well as successfully execute projects in hand;
- Performed administrative functions over the technical department to provide staff management, performance appraisals, cost management, training of staff;
- Developed workforce capability locally and internationally by ensuring regular training and refresher courses for technical team personnel, construction team, installers and sub-licencees (sub-contractors);
- Developed and managed the Licencees Programme (sub-contractors programme) in line with the organization's business reach and expansion objectives;
- Developed and managed tracking systems instrumental in achieving 25% improvement in turn-around times;
- Instrumental in sales and operations planning, and continuous evaluations of processes towards their improvement;
- Monitor project plans to ensure objectives are being met and provide timely advice on any anticipated delays affecting project commitments;
- Successfully tracked and monitored design savings to ensure increased margins of minimum 3% of material by utilizing best optimization practices thereby improving profitability.

2. SAFAL Building Systems Ltd.:

July 2015 – Dec 2016

Positions Held: Senior Design Engineer; Assistant Manager–Technical Design

Accomplishments:

- Responsible for the review all design documentation prepared to ensure that it is correct to a high degree of accuracy, suitable for construction and in accordance with all relevant standards and legislation and complies with all the requirements of the Design department's Quality Management System;
- Preparation of reports on designs, monitoring turnaround times, and also data relevant to financial profitability;

- Coached and trained junior engineers, encouraged and inspired them to produce their best work using their full flair, experience, resources and talents in a cost-effective way,
- Developed guidelines on site supervision;
- Supported the sales department by meeting with clients and being involved in Business Development initiatives in liaison with the marketing department;
- Coordination between the Sales, Site and Design teams on project and client specifications to ensure proper and timely delivery of projects;
- Internal and external parties' training, both locally and internationally on advancements in the products, and our copyright software;
- Liaising with the marketing department in marketing and initiatives.

3. SAFAL MiTek Ltd.:

July 2014 - June 2015

July 2012 - June 2014

Positions Held: Design Engineer; Assistant Design Engineer;

Accomplishments:

- Performed structural analysis designs for various projects using light-gauge steel technology that were later converted to orders and sales for the organization;
- Was responsible for producing engineering drawings and preparing bill of quantities and cost estimates to be used in project proposals and tendering procedures;
- Successfully spearheaded and performed inspection of on-going sites to ensure that they were to engineering standards; was also responsible for conducting pre-evaluation of projects to determine their viability and to advise the organization and/or clients on technical matters;
- I was part of a team that took part in marketing initiatives such as expos; also liaised with the sales team in coordinating ongoing projects.

4. Civil Engineering Design (K) Ltd.

January 2011 - June 2012

Position held: Graduate Engineer

Accomplishments:

- Performed structural analysis and design for various projects from commercial projects to large residential housing schemes,
- Selecting appropriate construction materials and providing technical advice to various stakeholders,
- Successfully project-led the preparation and checking of engineering drawings and bar bending schedules by project team,
- Performed structural integrity audits on projects such as The Westgate Mall, prepared their reports and provided recommendations,

- Provided site inspections and monitoring quality of on-going works undertaken by contractors for various projects,
- Liaised with other project professionals and stakeholders towards the successful delivery of a project.

5. ENGPLAN CONSULTING ENGINEERS:

**Jan 2010 - May 2010 &
March 2009- May 2010**

Position held: Engineering Intern

Responsibilities:

- Structural design and analysis in RC, steel and timber,
- Making and checking engineering drawings,
- Making and checking bar bending schedules,
- Supervision and evaluation of on-going works on site.

6. HK BUILDERS AND CONTRACTORS:

**February 2009 - March 2009 &
March 2008 - May 2008**

Position held: Engineering Intern

Responsibilities:

- Structural design and production of CAD drawings,
- Setting out on site, marking out and getting proposed house levels,
- Inspection of structure before casting in compliance with structural drawings,
- Responsible for Environment Health & Safety; site organization.

REFERENCES