

# Etta Madete Mukuba-2022

M.Arch | Architect | Project Manager | Tutorial Fellow

## Professional Profile

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I am hard-working, self-driven and passionate about using architecture and design to bring sustainable economic, social and environmental development to Kenya and beyond, with a focus on affordable, sustainable housing.

## Personal Information

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Date of Birth:	26 <sup>th</sup> June 1992
Nationality:	Kenyan
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## Education

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Fellowships & Professional bodies;

- **BORAQS**- Professional Registration as a registered Architect in Kenya
- **Aspen Institute**- New Voices Senior Fellow
- **EDGE Expert**- Green building rating tool
- **Grade 8 Distinction** in Violin Performance from the Associated Board of Royal Schools ABRSM

Higher Education:

- **[Applicant] University of Nairobi:** *PHD in Architecture- Environmental Design*
  - *[Proposal]- Air Quality in Dense Apartment Blocks; A case of Nairobi, Kenya.*
- **University of Nairobi:** Masters of Architecture- Environmental Design
  - Atrium Daylight Penetration in Dense Apartment Blocks; A case of Roysambu Nairobi, Kenya.
- **University of Nairobi:** Bachelor of Architecture (2015 to 2017)- First class honors.
  - Dissertation- Sustainable Brick Architecture; Design principles for hot-dry climates with case studies in Kenya and Morocco
- **University of Nairobi:** Bachelor of Architectural Studies (2011 to 2015) - First Class Honors

Secondary Education:

- **Greensteds International School** - IGCSE and A level qualifications

## Work Experience

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- Architect & Affordable Housing Lead at BuildX Studio- An Architecture and Construction Firm based in Nairobi (2019-present)
- Tutorial Fellow, University of Nairobi, Architecture Department (2017-Present)
- Graduate Architect at Morphosis Ltd.- Architecture Firm based in Nairobi(2018)
- Graduate Architect at Musau Kimeu, Architect- Architects, Environmental design experts & Acoustics experts. (2017)
- Architectural Internship at Morphosis Ltd (Jun. – Dec. 2015)
- Architectural Internship at Adventis Innhouse Africa (Jun.-Aug. 2014)

## Projects & Advocacy

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*\*Samples listed not exhaustive, full list available on request*

### Projects

- Zima Homes Affordable Housing- Project manager 2020- Kshs 260 million present- construction (March 2022)- for this project I co-developed the feasibility study , business plan and applied for funding to realise the project as a pilot of the BuildX Studio developers ' special projects initiative. As well as lead the case study grant as lead researcher.
- Makini Pre primary school- kshs 62 million- Architectural designer-Developed design 2019/20
- Wanda Regional hub and collection centers- Kshs 130 million- Project lead-Developed design 2020/2021
- Chege Residence- kshs 10 million Project Architect-Complete June 2022

### Writing

- Co-author of published paper, 'Application of Brick as a Building Material for Low Cost Housing in Hot and Dry Climates'-  
<http://www.ijsrp.org/research-paper-0918/ijsrp-p8183.pdf> (2018)
- Co-author of chapter, ' Ocha' in, 'The Countryside Report'- Book published in 2020 by OMA and Rem Koolhaas.
- Author of published articles on architecture and design published in Mail and Guardian, Aljazeera, Daily Nation(Kenya), Architectural Review amongst others
- Assistant researcher for PHD research developed at the Bartlett School of Architecture with the title: Exploring architecture as a tool for Early-childhood stimulation in refugee camps in East Africa (2017)

### Seminars

- Healthy cities-Healthy cities Healthy people launch an event by WHO, UN habitat amongst other partner org.

- East Africa Property Investment Summit (EAPI)- WIRE panel presentation- Kenya's Built Environment Sector's Economic Recovery Plan Through a Gender Lens.-July 2021.
- Lecture on 'African Avant Gard' at Staedelschule-Germany -May 2021
- Panelist- Habitat for humanity- SANKALP global health circular design
- Others - Moderator, presentator at student led events from WIRE(women in real estate, Kenyatta University, Cafe construct podcast, AAK Webinars, UN75 0 The future is unwritten Dialogue, UN SDG action zone-Speaker-(, Carbon positive reset.
- Lead facilitator at Nafacity – Planning & Design workshop in collaboration with UCL and British Council (2018)
- Kenyan representative at Royal institute of British Architects (RIBA) international Student Design Charrette sponsored by the Commonwealth association of Architects(CAA) in exploring the application, implications and design proposals for the New Urban Agenda (July 2017).
- Kenyan representative for the Commonwealth Youth Orchestra participant for concerts in London and Glasgow (2013 and 2016)

#### Exhibitions & other

- BuildX Studio Lead curator for Barbican 'Our time on earth', exhibition opening in May 2022- at the Curve gallery in London
- Lead researcher at 'Countryside studio', in collaboration with Rem Koolhaas team at OMA Studios (Netherlands), Harvard Graduate school of Design and Guggenheim Museum in New York (2018-2020)

#### Jury

- Inspirelli student competition
- WIRE-COVID Competition
- AAK- Flood resilience

## Accomplishments & Leadership

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#### Leadership

- BuildX Studio Internship program coordinator (2020-2022)- in charge of recruitment, performance management, assignments and professional growth
- Architectural Association of Kenya(AAK) Council member and coordinator for flood resilience committee(2019-2020)
- BuildX Studio - Project manager & lead for multiple design-develop-build projects
- Lead Facilitator for the John Mukaye Madete Foundation which sponsors the school fees for underprivileged students in Western Kenya fees and equips them with leadership skills (2014-2020)
- Founder and tutor at the Violin program at Ghetto classics that teaches music and mentors students from Korogocho, Nairobi(2011-2013)

## Awards

- WIRE(Women in Real Estate) Young Achiever Award- 2021
- University of Nairobi scholarship for post graduate studies (2019-2021)
- First Class Honors, Bachelor of Architectural Studies, University of Nairobi (2015).
- First class Honors, Bachelor of Architecture, University of Nairobi (2017)
- Duracoat Award for Academic Excellence for B.AS & B.ARCH degrees (2015 & 2018)
- Class president of Bachelor of Architecture graduating class of 2017
- Winner of the International student design competition put forward by Sustainable Cycle Industries (SCCI – Germany)(2017)

## Software Proficiency

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- Autodesk Revit, Autocad, Archicad, Lumion and Sketch up
- Microsoft Office-Word , Excel and PowerPoint, MSProject
- Adobe Photoshop and Indesign
- Procore Project Management
- EDGE- Green Building Rating Tool

## References

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- **Arch. Musau Kimeu**
  - Chairman, Department of Architecture, University of Nairobi.
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- **James Mitchell**
  - CEO & Co-founder, BuildX Studio
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- **Dr. Edwin Oyaro**
  - Senior Lecturer, Department of Architecture, University of Nairobi.
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