***Personal Details:*** - Date of Birth: 25-06-1973

- Nationality: Eritrean

- Marital Status: Married

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***Summary:*** MEP Engineer with more than 10 years of progressive experience specializing in

Design and supervision of building HVAC, plumbing and fire protection system; selection

of equipment, preparation of bill of quantity, cost estimating, and commissioning.

***Education: -*** **Bachelor of Science in Mechanical Engineering (BSc. Eng.)**

University of Asmara,

(September 1996 - July 2002)

- HVAC and Plumbing Training and seminars.

***Key skills:*** - Profound knowledge of HVAC equipments (chillers, AHU, FCU, Air terminals, e.t.c..)

- Extensive knowledge of current design concept, installation and supervision

- Demonstrated record of completing projects on schedule and within budget.

- Ability to work effectively in a team and perform consistently in a varied environment

and under pressure.

- Exceptional oral and written communications.

***IT skills: \**** Drafting: AutoCAD 2013-2D; Revit MEP 2012,

**\*** HVAC Software: HAP, VRF, Ductsizer.

**\*** Spread Sheet: Microsoft Excel,

**\*** Word Processor: Microsoft Word

**\*** Presentation and Layout: MS PowerPoint, MS Photo Editor & Photo Paint.

***Professional Experience and Employment***

***1. SANMECH***

***Jan. 2009-June 2014: POSITION:*** **MEP Design Engineer, and Installation Supervisor*.***

***EMPLOYER:* SANMECH CONSULTS P.L.C**. (Ethiopia, Addis Ababa.)

Period Covered: January 2009-June 2014

***JOB DESCRIPTION:***

- Making cooling load calculation using hourly analysis program (HAP).

- Selection of mechanical equipments (chiller, AHU, FCU, Air terminal) for HVAC system.

- Preparation of duct layout and duct sizing for air supply, return, toilet and kitchen hood

duct system.

- Preparation of pipe layout and pipe sizing for chilled water and condensate piping system.

- Preparation of pipe layout and then pipe sizing for the system based on fixture water

loading and drainage fixture units (DFU).

- Preparation of pipe layout and pipe sizing for Fire Protection System (hose reel, sprinkle)

- Selection of plumbing mechanical equipment and plumbing components (pumps,

water heater, valves, fittings e.t.c…) for system.

- Preparation of Bill of quantity and cost estimating.

- Preparation of technical specification,

- Installation supervision of various building MEP projects.

***SOME OF THE PROJECTS*** ***HANDLED:***

- Ethiopian Airlines Headquarters office building, High Budget building.

- Hawassa Regional Laboratory;

- Juba Shopping Mall, South Sudan.

- United Bank Headquarters office building, High rise building (4 bas.+G+33).

- Ethiopian Peace Support (PSO) building, Addis Ababa.

- Maritime Headquarters office building, Addis Ababa.

- Commercial Bank of Ethiopia, Megenagna Branch, High rise building

(3bas.+G+12).

***2. GEDECC***

***Apr. 2003 – Oct 2008: POSITION:*** **HVAC and Plumbing Design Engineer and Installation Supervisor**

***EMPLOYER:* General Development, Engineering Consulting Company (GEDECC)**

(Eritrea, Asmara);

Period Covered: April 2003 – October 2008;

***JOB DESCRIPTION:***

- Making cooling load calculation using hourly analysis program (HAP).

- Selection of mechanical equipments (chiller, AHU, FCU, Air terminal) for HVAC system.

- Preparation of duct layout and duct sizing for air supply, return, toilet and kitchen hood

duct system.

- Preparation of pipe layout and pipe sizing for chilled water and condensate piping system.

- Preparation of pipe layout and then pipe sizing for the system based on fixture water

loading and drainage fixture units (DFU).

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- Selection of plumbing mechanical equipment and plumbing components (pumps,

water heater, valves, fittings e.t.c…) for system.

- Preparation of Bill of quantity and cost estimating.

- Preparation of technical specification,

- Installation supervision of various building MEP projects.

***3. Even Plumbing Center***

***Jan.2004 – Oct.2008: POSITION:* Tutor of HVAC Engineering courses.**

(On part- time bases);

***EMPLOYER:*** Even Plumbing Center, Eritrea, Asmara

Period Covered: Jan. 2004 – Oct. 2008;

***JOB DESCRIPTION:***

- Conduct theoretical and practical lectures on “Principles and Application

on Refrigeration and Air conditioning System.

***Language Spoken:*** - English: Excellent Reading, writing and Speaking.

- Tigrigna: Fluent spoken (mother tongue)

- Amharic: Fluent spoken.

***Certification:*** I, the undersigned, certify that to the best of my knowledge and belief, these bio-data

correctly describe my qualification, my experience and myself.



**Gulfjobseeker.com CV No:** **27612**