**CURRICULUM VITAE**

**Firew**

Email : firew.375575@2freemail.com

**Position Desired: Mechanical Engineer / Site Engineer**

**Personal Profile**

Date of Birth : November 3rd 1991
Sex : Male
Marital status : Single
Nationality : Ethiopian

**Career Profile**

Seeking a challenge position as Mechanical Engineer / Site Engineer position in a progressive and dynamic organization, where my knowledge, skills & work experience could be utilized in the most productive, innovative & resourceful manner and also provide growth, training and carrier development opportunities in the field.

**Educational Qualification**

* 2011-2015 G.C :B. Sc Degree in Mechanical Engineering, Bahir dar Institute of

 Technology /Bahir dar University/

**Professional Experience**

**FIDA Engineering, Addis Ababa, Ethiopia Jul 2015 – Aug 2016**

**Position: Project Manager / Mechanical Designer**

**Duties and Responsibilities**

* Evaluates mechanical and electromechanical systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials.
* Confirms system and product capabilities by designing feasibility and testing methods; testing properties.
* Develops mechanical and electromechanical products by studying customer requirements
* Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components.
* Prepares product reports by collecting, analyzing, and summarizing information and trends.
* Maintains product and company reputation by complying with government regulations.
* Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special services.
* Maintains system and product data base by writing computer programs and entering data.
* Maintains professional and technical knowledge by attending educational workshops reviewing professional publications; establishing personal networks; participating in professional societies.
* Contributes to team effort by accomplishing related results as needed.

**T & F General Metal Work, Addis Ababa, Ethiopia Aug 2016 – Nov 2017**

**Position: Machinist / Welding (Oxygen, Arc, and MIG)**

**Duties and Responsibilities**

* Operate safety equipment and use safe work habits.
* Weld components in flat, vertical, or overhead positions.
* Ignite torches or start power supplies and strike arcs by touching electrodes to metals being welded, completing electrical circuits
* Clamp, hold, tack-weld, heat-bend, grind or bolt component parts to obtain required configurations and positions for welding.
* Operate manual or semi-automatic welding equipment to fuse metal segments, using processes such as gas tungsten arc, gas metal arc, flux-cored arc, plasma arc, shielded metal arc, resistance welding, and submerged arc welding.
* Connect and turn regulator valves to activate and adjust gas flow and pressure so that desired flames are obtained.
* Weld separately or in combination, using aluminum, stainless steel
* Operate metal shaping, straightening, and bending

**Bishoftu Automotive Industry, Addis Ababa, Ethiopia Feb 2011 – Jun 2011**

**Position: Internship**

**Duties and Responsibilities**

* Assist engineers and technicians on the job
* Carries tools and equipment to and from storage and working areas.
* Pulls handles to raise materials and tools to working levels.
* Loosens bolts to dismantle machinery
* Cleans machines with sandpaper, solvent, and wiping rags to prepare surfaces for painting.

**Private Garage, Addis Ababa, Ethiopia Mar 2009 – Jan 2011**

**Position: General Mechanic**

**Duties and Responsibilities**

* Maintaining and repairing CV joint and CV axle, brake systems, suspension and components.
* Repair and test batteries.
* Repair and rebuild electrical system like charging, starting and lighting system.
* Replace defective diesel filters.
* Easily understand and follow mechanical guide manuals and instruments.
* Troubleshoot mechanical failures and systems to pin point and solve the underlining issues.
* Examine vehicles, compile estimates of repair costs, and secure customers' approval to perform repairs.
* Test vehicle for its performance after fixing the issue before delivering back to customers.

**Additional Certificates**

* Certificate from Metal and Engineering Corporation, Bishoftu Automotive Industry during internship time for design and manufacturing of glue mixer machine and design of pneumatic chassis rotator.
* Certificate from 3rd International Conference on the Advancements of Science and Technology (ICAST 2015).
* In recognition of Oral Presentation on Design and Manufacturing of Steering System for Parallel Parking, Zero Turning, Minimum Turning and Traditional Turning.
* Certificate of Appreciation in Recognition of my best Project Work and commitment of presenting my project to University Industry Linkage workshop held in, June 17, 2015.
* Certificate from Bahir Dar University for Final Year project.
* Certificate from Progress Language Training Center.
* Certificate in Application Software from DOTNET Computer Technology.

**Skills**

* MS Office Basics (Word, Excel, Power Point), Auto CAD
* Excellent knowledge of all rules, regulations and documentation required in the industry.
* Capable of working both independently and part of a team, eager to learn and contribute to the growth of the company
* Gained knowledge how teams can develop strategies to deal with problems through participating as a team member in various projects and extra-curricular activities.
* Developed the ability to lead, interact with and motivate a variety of people through my project leading opportunities.

**Thesis (Final Project)**

Design and manufacturing of Steering System for Parallel Parking, Zero Turning, Minimum Turning and Traditional Turning.

**References**

 Can be provided upon request

**Declaration**

I declare that the information provided above is true and correct to the best of my knowledge.

 Firew