

# TAMIRU TAYE

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## PROFESSIONAL PROFILE

Software Engineer with a Mechanical Degree complimented with over 8 years of engineering experience. Familiar in reading and interpreting blue prints, using measuring instruments, precision tools and machinery equipment. Knowledgeable in creating various programming languages and troubleshooting heavy equipment in the mechanical field. Familiar with Languages such as Javascript, HTML, CSS and, AJAX. Trilingual in Amharic, Afan Oromo and English.

## EDUCATION

University of the People   Bachelor's in Computer Science   On-Line Learning	2025
Per Scholas   Software Engineer   Charlotte, NC   On-Line Training	2023
Arba Minch University   Bachelor of Science – BS, Mechanical Engineering   Ethiopia, East Africa	2011

## RELEVANT TECHNICAL SKILLS

HTML | CSS | JavaScript | Node.js | Express.js  
MongoDB | Mongoose | React | SQL

## PROFESSIONAL EXPERIENCE

<b>Machinist   Flowserve   Raleigh-Durham, NC</b>	Aug 2021 to Present
<ul style="list-style-type: none"><li>Analyze specification charts, samples and drawings to gain a thorough understanding of project requirements</li><li>Develop a plan of action to manufacture parts according to customer's specifications</li><li>Measure and mark raw materials needed to manufacture parts</li><li>Set up equipment required to complete each step of the manufacturing plan</li><li>Operate equipment to carry out each step correctly</li><li>Monitor the production process and intervene, adjust and troubleshoot when problems arise</li><li>Inspect finished parts for flaws and defects</li><li>Maintain equipment located throughout the machine shop</li></ul>	
<b>CNC Machine Operator   Wakefield   Raleigh-Durham, NC</b>	June 2020 to May 2021
<ul style="list-style-type: none"><li>Set-up and managed CNC machines to perform various jobs according to customer's specification including drilling, grinding and milling</li><li>Operated vertical milling CNC machine and edited the G-code of equipment when and if necessary</li><li>Performed calibration of the product using different measuring materials (calipers, height gauges, micro meters, mic depth, pins, microscope....)</li><li>Ensured the CNC machine operated in accordance to company guidelines and met all safety requirements</li></ul>	
<b>Team Leader   Ambo University   Ethiopia, East Africa</b>	Nov 2012 to Jan 2020
<ul style="list-style-type: none"><li>Developed and created Standard Operating Procedures and trained between 10 to 90 team members in work processes (including thermal stream courses, HAAS CNC machine, press brakes machine, cleaning and maintenance, changeover reduction and finishing to name a few).</li><li>Taught advanced principles and concepts of engineering to prepare students for manufacturing, operating different equipment and prep them in careers in the design sector field</li><li>Created a training manual on different softwares (such as Ansys, Matlab, CAD/CAM, Retschreen, Catia, solid work, Gambit and basic computer usage) to train graduating students, new staff members and designers from different industries</li><li>Researched in conjunction with other department heads on various ways to upgrade equipment and trained assigned staff on the specifications of the new upgrade</li></ul>	