

## **Ephrem Sima**

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### **Objective**

A highly experienced Senior Machine Operator with over 10 years of experience in manufacturing, specializing in CNC operations and production management. Currently pursuing a Full-Stack Development certification, with strong skills in computer network routing and switching. Seeking to leverage my technical skills and manufacturing expertise in a challenging role as an MES Modeler/Analyst at Integer.

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### **Professional Experience**

#### **Senior Machine Operator**

*Integer – Chaska, MN*

*July 2019 – Present*

- Operate and maintain advanced machinery, ensuring optimal performance and efficiency.
- Collaborate with engineering teams to improve production processes, leading to a 15% increase in efficiency.
- Train and mentor junior operators on best practices and safety protocols.
- Conduct regular machine inspections, troubleshooting issues to minimize downtime.

#### **Machine Operator**

*GM Furniture - Ethiopia*

*May 2016 – June 2018*

- Safely operated CNC machines, loading and unloading parts with precision.
- Set controls and regulated speed, feed, coolant flow, and cutting angles.
- Identified and resolved machine malfunctions, ensuring smooth operations.
- Verified dimensional accuracy through numerical display comparisons and process sheet data.
- Maintained a clean and organized work area, ensuring compliance with specifications for all produced pieces.

## **Machine Operator**

*Upendo Engineering - Addis Ababa, Ethiopia*

*March 2014 – April 2016*

- Ensured finished work pieces conformed to specified dimensions.
  - Managed machine operations, including the replacement of dull cutting tools and updating of cutting programs.
  - Handled machine malfunctions by adjusting controls and calculated machine speed and feed ratios.
  - Inserted control instructions into machine units to initiate operations.
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## **Education & Certifications**

### **Full-Stack Development (In Progress)**

*Institution Name – Evangadi Tech, Maryland, USA*

*Expected Completion Date-Nov 2024*

### **Certification in Cisco Implementing and Administering**

*Institution Name - New Horizons Computer Learning Center*

*Eagan, MN*

### **64 Credits in Electrical & Computer Engineering (No Degree)**

*Institution Name - Addis Ababa Institute of Technology, Ethiopia*

*2009-2011*

### **High School Diploma / GED**

*School Name - Menelik II School Addis Ababa, Ethiopia*

*2008*

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## **Skills**

- **CNC Machining & Programming**
- **Production Management**
- **Full-Stack Development (In Progress)**
- **Computer Routing & Switching**
- **Electrical Engineering Principles**
- **Process Improvement & Optimization**
- **Troubleshooting & Problem Solving**