

# David Miller

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## PROFESSIONAL SUMMARY

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Senior Weaver with over 12 years of experience operating complex Jacquard and flat looms. Expert in managing high-volume production of home textiles and technical fabrics with a 99.5 percent quality rating. Proven ability to perform mechanical repairs and optimize machine settings to increase daily output by 15 percent.

## WORK EXPERIENCE

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### **Senior Lead Weaver | North State Textiles | Greensboro, NC**

Aug 2016 - Present

- Oversee the operation of 24 high-speed air-jet and Jacquard looms producing premium upholstery fabrics
- Improved overall equipment effectiveness (OEE) by 18 percent through the implementation of a new preventive maintenance schedule
- Diagnose and repair complex mechanical malfunctions, reducing reliance on external technicians by 40 percent
- Manage a team of 10 weaving machine operators, providing technical training and quality audits
- Reduced fabric defect rates from 4 percent to 0.8 percent by optimizing loom timing and tension settings

### **Master Weaver | Piedmont Fabric Mill | Spartanburg, SC**

May 2010 - Jul 2016

- Operated traditional hand-powered weaving machines for bespoke high-end apparel collections
- Restored 4 vintage looms to full working order, increasing the facility's production capacity for specialty weaves
- Collaborated with design teams to translate complex patterns into machine-ready loom setups
- Maintained 100 percent compliance with industrial safety standards while exceeding daily production quotas by 10 percent
- Authored a comprehensive loom checkout manual that became the standard training document for new hires

### **Weaving Machine Operator | Appalachian Weaving Co. | Asheville, NC**

Sep 2005 - Apr 2010

- Monitored 12 needle looms producing technical industrial fabrics for automotive applications
- Identified and corrected setup errors within the first 10 minutes of production runs, saving an estimated \$15,000 in material costs annually
- Performed routine mechanical works including part replacements and lubrication of moving components
- Completed detailed production logs and quality reports for every shift with 100 percent accuracy

## EDUCATION

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### **North Carolina State University | Master of Science | Textile Technology**

Aug 2003 - May 2005

### **Clemson University | Bachelor of Science | Materials Science and Engineering**

Aug 1999 - May 2003

## SKILLS

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Jacquard Loom Operation, Warp and Weft Troubleshooting, Dobby Loom Setup, Mechanical Repair, Thread Tension Calibration, Pattern Analysis, Fabric Quality Inspection, Waste Reduction, Production Scheduling, Textile Material Knowledge, Safety Protocol Compliance, Technical Drawing Interpretation

## CERTIFICATIONS

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Certified Textile Technician (CTT) | National Council of Textile Organizations (Nov 2018)  
Industrial Machine Maintenance Certificate | Manufacturing Skill Standards Council (Jun 2012)

## LANGUAGES

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English (Native)  
Spanish (B2 - Professional Working Proficiency)

## ACTIVITIES

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### **Textile History Preservation Society**

Volunteer guide for historical weaving demonstrations at local museums.

### **Regional Manufacturing Summit**

Annual participant and guest speaker on modern loom efficiency.

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CV example from guide at [vitae.so](http://vitae.so)