

Raju Ghale

CNC Machinist/Programmer

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Professional Summary

Highly proficient CNC shop manager with 13 years of experience in machine shop operations encompassing CNC machining, programming, and maintenance. Expert in CAD/CAM software and skilled in leadership, quality assurance, and continuous improvement initiatives. Possesses extensive experience in manufacturing, machining, and the utilization of precision measuring instruments.

Machine Shop Expertise:

1. Operation of CNC and manual milling machines and lathes.
2. Proficient in the use of calipers, micrometers, depth gauges, and pin gauges.
3. Experienced in blueprint reading and shop mathematics.
4. Adherence to rigorous shop safety protocols.
5. Operation of CMM and automated CMM SEEBREZ systems.
6. Proficient in GD&T principles.
7. Experienced in MASTERCAM software.

Teamwork and Communication:

Demonstrates excellent verbal and written communication skills.

Proven ability to collaborate effectively within a team environment to achieve goals and meet deadlines.

Six years of supervisory experience.

Authorized to work in the US for any employer

Work Experience

CNC Machinist

Primus.Aerospace-Colorado

November 2024 to Present

- Operated and maintained CNC machines to produce high-quality precision parts according to specifications
- Programmed CNC machines using G-code and CAD/CAM software to ensure accurate machining processes
- Performed routine machine maintenance, including cleaning, lubricating, and replacing worn tools and parts
- Conducted thorough inspections of finished products using precision measuring instruments such as calipers and micrometers
- Closely monitored machine operations for any signs of malfunctions or deviations from the planned process
- Made necessary adjustments to machine settings to maintain product quality and meet production targets
- Collaborated with engineers and designers to optimize part designs for efficient manufacturing processes

- Demonstrated expertise in reading technical drawings, blueprints, and work instructions for proper machining procedures
- Suggested improvements in tooling selection, cutting parameters, or programming techniques to enhance productivity and reduce costs
- Maintained a clean and organized work area to ensure safety compliance and maximize efficiency during production runs
- Trained new machinists on machine operation techniques, safety protocols, and quality control standards
- Troubleshoot equipment issues by identifying root causes of problems and implementing effective solutions in a timely manner
- Trained colleagues on the safe operation of CNC machines and proper handling of materials
- Participated in regular team meetings to discuss production goals, challenges, and process improvement opportunities
- Implemented preventive maintenance procedures to ensure optimal machine performance and minimize unexpected breakdowns
- Demonstrated strong problem-solving skills by quickly identifying and resolving machining issues to minimize downtime

CNC Machinist/supervisor

EPM-Denver, CO

January 2022 to November 2024

I developed and implemented CNC machining programs using G-code and CAD/CAM software to guarantee precise manufacturing processes. I conducted routine machine maintenance, encompassing cleaning, lubrication, and tool and part replacement. My responsibilities included tool and material procurement, including generating quotes and managing purchases. Furthermore, I provided support for the recruitment process and the acquisition of new equipment.

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- Conducted thorough inspections of finished products using precision measuring instruments such as calipers and micrometers
- Closely monitored machine operations for any signs of malfunctions or deviations from the planned process
- Made necessary adjustments to machine settings to maintain product quality and meet production targets
- Demonstrated expertise in reading technical drawings, blueprints, and work instructions for proper machining procedures
- Collaborated with engineers and designers to optimize part designs for efficient manufacturing processes
- Suggested improvements in tooling selection, cutting parameters, or programming techniques to enhance productivity and reduce costs
- Maintained a clean and organized work area to ensure safety compliance and maximize efficiency during production runs
- Trained new machinists on machine operation techniques, safety protocols, and quality control standards
- Troubleshoot equipment issues by identifying root causes of problems and implementing effective solutions in a timely manner
- Closely followed all safety guidelines when operating machinery or handling hazardous materials
- Leveraged knowledge of different materials (e.g., metals, plastics) to select appropriate cutting tools for specific jobs
- Implemented preventive maintenance procedures to ensure optimal machine performance and minimize unexpected breakdowns

- Demonstrated strong problem-solving skills by quickly identifying and resolving machining issues to minimize downtime
- Collaborated with cross-functional teams (e.g., engineering, quality assurance) on continuous improvement projects
- Maintained detailed records of daily production activities including quantities produced, downtime reasons, etc
- Pioneered the adoption of lean manufacturing principles resulting in significant time savings throughout the production process

CNC machinist/supervisor

Mikron Corporation Denver-Englewood, CO

March 2016 to January 2023

Prototype machinist, print to part set up program and operation proto track and haas and mastercam

- Supervised a team of machinist, ensuring adherence to production schedules and quality .
- Developed and implemented training programs for new machinist improving overall team efficiency.
- Collaborated with engineering department to optimize machining processes and reduce cycle times.

CNC Lathe Machinist

TRELLEBORG-Louisville, CO

March 2014 to March 2016

Responsibilities

Set up, 1st piece inspection, paperwork operate, measurements, 5S, cross train

Skills

Okuma lathe, hardinge lathe haas lathe

CNC Mill Set Up Operator

GRP-Denver, CO

2012 to 2014

Machine Shop Skills

- Operation of CNC and Manual Mill and Lathe
- Measurement Skills: calipers, micrometers, depth gauges, pin gauges etc
- Blueprint reading
- Shop math
- Shop safety
- CMM and Automated CMM SEEBREZ
- GD&T
- MASTERCAM

Team Work and Communication

- Excellent verbal and written communication skills
- Able to work as a part of a team to meet goals and deadlines
- 4 years supervisory experience: training, money handling, warehouse d
- High regard for safety of the team

Education

Precision Machining Technology (GED and precision machining)

Front Range Community College-Longmont, CO

2014 to 2015

1. Mastercam
2. Advanced machining
3. CNC Mill and Lathe
4. Manual mill and lathe

6 years (GD&T)

College of America

2012

Vocational training

Trade school

Upper secondary education

Skills

- CPR and First Aid Certified
- Basic computer skills: Microsoft Office
- Lean manufacture
- SMED
- Bar feeder
- CNC Programming
- CAM Programming
- CNC
- CNC Milling Machine
- Calipers
- GD&T
- 5S
- Coordinate measuring machine
- Blueprint Reading
- CNC Lathe
- Assembly
- Machining
- Micrometer
- Quality Assurance
- Lean manufacturing
- Computer literacy
- Manufacturing
- Quality Inspection
- Basic math
- Continuous improvement

- Trigonometry
- Communication skills
- Leadership
- Microsoft Excel
- CNC lathe
- CNC milling machine
- Precision measuring instruments
- Quality control operations
- Dial indicators
- Optical comparators
- Numeracy
- Steel
- Mazatrol
- Crew management
- Quality management standards in production
- Schedule management
- Prototype creation
- Ability to follow instructions
- Defect detection (quality control)
- Quality standards in production
- Safety standards in production
- Clean workspace maintenance
- Maintaining an organized workspace
- Following blueprint specifications
- Interpreting technical drawings
- Metal fabrication
- Mobile devices
- Passenger vehicle
- Label accuracy verifications for packaging operations
- Packaging assembly
- Packing
- Prototypes
- Customer communication
- Customer service management
- Equipment inspection
- Face-to-face communication
- In-person customer service
- Sawing
- Mastercam
- Simulation systems

- CAD documentation
- CAD software
- CAM software
- Problem-solving
- Industrial manufacturing sales experience
- ISO standards
- Manual machining
- Computer operation
- Typing
- Workplace health and safety regulatory compliance
- Dimensional measurements
- Industrial equipment troubleshooting
- Precision measurement in machining
- Technical documentation
- Blueprint specification interpretation
- Aluminum
- Manufacturing company experience
- Stainless steel
- Mechanical troubleshooting
- Policy & process development
- Titanium
- 5-axis CNC machine
- Machine cleaning
- CNC machine setup
- Employee evaluation
- Client services
- Tax form completion
- Tax return preparation
- Tax return processing
- Income tax preparation
- Attention to detail
- Furniture assembly
- Proper lifting technique adherence
- Power tool safety
- Managing production or assembly teams - Largest production or assembly team managed (16-20 team members)
- Largest production or assembly team managed (16-20 team members)
- Projects implemented using lean manufacturing processes (1-2 projects)
- Implementing lean manufacturing processes - Projects implemented using lean manufacturing processes (1-2 projects)
- Production scheduling

- MRP
- Procurement
- Vendor management
- 3D printers
- Grinding machine operation
- Milling machines
- Lathe
- Statistical Process Control
- Quality control sampling
- Visual inspection for quality control
- Lubrication
- Equipment calibration
- Pallet jack
- Fastening
- Packaging
- Turning
- Machining team leader experience
- CAD/CAM milling
- Mentoring
- CNC tooling
- Team leadership
- Analysis skills
- Software troubleshooting
- Production shift supervisor experience
- Root cause analysis
- CNC machine operator experience
- CNC grinding machine
- Drilling machines
- Grinding machines
- Metal materials
- Grinding
- Milling
- Fanuc
- Kanban
- CMMS
- Fabrication
- Team development
- Dimensional inspection
- AS9100
- CNC machining

- Teamwork
- Machine operation
- Manufacturing management
- Word processing
- Industrial equipment
- Management
- Estimating software
- Microsoft Outlook
- Microsoft Powerpoint
- Production planning
- Windows
- Microsoft Word
- Time management
- GMP
- Six Sigma
- Customer service
- Organizational skills
- Sales
- Team management
- Phone etiquette
- ERP systems
- Tooling
- Pricing
- CAD
- Supervising experience
- Quality systems
- Mechanical knowledge
- ISO 9001
- Quality control
- Mechanic experience
- Factory
- Microsoft Office
- Manufacturing facility
- Materials handling
- Computer skills
- Maintenance
- Geometry
- Power tools
- Warehouse experience
- Math

- Hand tools
- Bore gauges
- English
- Heavy lifting
- Shop math
- Technical Proficiency
- Inspection tools
- 3D CAD modeling
- 2D CAD drafting
- Quality control statistical data analysis
- Vision inspection system
- Unloading
- Safety regulations
- Measurement (quality control)
- Manual handling
- Operating heavy equipment
- Process improvement
- Quality assurance within aerospace industry
- Mechanical drawings
- Version control
- Preventative hardware maintenance
- CNC machine maintenance
- Quality assurance within manufacturing
- G-code
- Decision making
- Conflict management
- Algebra
- Retail management
- Employee retention
- Cash handling
- Cleanroom
- Measuring instruments

Languages

- Bilingual

Certifications and Licenses

Pallet Jack Certification

Driver's License