[Full Name]

[City, State] | [email@example.com] | [Phone Number]

PROFESSIONAL SUMMARY

Detail-oriented **[Machinist]** with [X]+ years of experience setting up, operating, and maintaining manual and CNC machine tools in high-precision manufacturing environments. Proven track record of holding tight tolerances, optimizing setups, and reducing scrap through careful measurement and process improvements. Skilled in reading complex blueprints, GD&T, and using precision measuring instruments to ensure conformance to specifications. Strong commitment to safety, preventive maintenance, and continuous improvement on the shop floor.

PROFESSIONAL EXPERIENCE

[CNC Machinist] | [ABC Precision Manufacturing]
[Month Year] – Present | [City, State]

- Set up and operated [3-axis and 4-axis CNC mills] and [CNC lathes] using [Fanuc] and [Mazak] controls to produce complex components within ±[0.0005"] tolerances, consistently meeting daily production targets.
- Interpreted detailed [engineering drawings, GD&T callouts, and work instructions] to select appropriate tooling, determine workholding methods, and verify part dimensions using [micrometers, calipers, height gauges, bore gauges, and dial indicators].
- Collaborated with programmers and engineers to refine [G-code programs], optimize feeds and speeds, and standardize setups, contributing to a [X%] reduction in cycle time and improved tool life on key production parts.

[Manual Machinist] | [XYZ Tool & Die]
[Month Year] – [Month Year] | [City, State]

- Operated [engine lathes, vertical milling machines, surface grinders, and drill presses] to machine custom tooling, fixtures, and one-off components according to customer and internal specifications.
- Performed precise layout work, roughing, and finishing operations on a variety of materials including [carbon steel, stainless steel, aluminum, and tool steels], ensuring proper surface finish and dimensional accuracy.
- Conducted in-process and final inspections, documented measurements, and worked with the quality department to resolve nonconformances, helping maintain compliance with [ISO 9001] quality standards.

EDUCATION

[Diploma / Certificate in Precision Machining Technology] | [Technical College Name]
[Month Year] – [Month Year] | [City, State]

- Completed coursework in [CNC machining, manual machining, blueprint reading, GD&T, shop math, and safety].
- Gained hands-on experience with [CNC mills, CNC lathes, manual lathes, vertical mills, and grinders] in a lab environment.

[High School Diploma] | [High School Name]
[Graduation Year] | [City, State]

- Relevant coursework: [Algebra], [Geometry], [Trigonometry], and [Technical Drawing] or [Shop Classes].

SKILLS

- **Machining & Equipment:** [CNC mills], [CNC lathes], [manual lathes], [vertical milling machines], [surface grinders], [drill presses], [sawing equipment].
- **Programming & Controls:** [G-code], [Fanuc controls], [Mazak controls], [basic CNC program editing], [offset adjustment], [tool length and wear compensation].
- **Blueprint & Inspection:** [Blueprint reading], [GD&T], [tolerance stack-ups], [micrometers], [calipers], [height gauges], [bore gauges], [dial indicators].
- **Materials & Processes:** [Steel], [stainless steel], [aluminum], [brass], [plastics], [heat-treated materials], [coolant selection], [cutting tool selection].
- **Quality & Safety:** [In-process inspection], [first article inspection], [5S practices], [lockout/tagout awareness], [ISO 9001 environment familiarity].

- **Soft Skills:** [Attention to detail], [problem-solving], [team collaboration], [time management], [communication with engineers and supervisors].

PROJECTS

[CNC Production Optimization Project] | [ABC Precision Manufacturing]
[Month Year] – [Month Year]

- Worked with the programming and engineering team to refine tooling, workholding, and program parameters for a high-volume [automotive] component, helping reduce average cycle time by [X%] while maintaining required tolerances.

[Custom Fixture Design & Build] | [XYZ Tool & Die]
[Month Year] – [Month Year]

- Assisted in the design and fabrication of a custom [workholding fixture] used to improve repeatability and reduce setup time on a recurring job, contributing to more consistent part quality and faster changeovers.