[Full Name]

[City, State] | [email@example.com] | [+1 (555) 555-5555]

PROFESSIONAL SUMMARY

Detail-oriented **[CNC Operator]** with [X+] years of experience setting up, programming, and operating CNC lathes and mills in high-volume production environments. Skilled in reading complex blueprints, interpreting GD&T, and optimizing machining parameters to improve cycle times and part quality. Proven track record of reducing scrap, minimizing downtime, and maintaining strict adherence to safety and quality standards. Adept at collaborating with engineers and quality teams to implement process improvements and support continuous manufacturing excellence.

PROFESSIONAL EXPERIENCE

[Lead CNC Operator] | [ABC Precision Manufacturing]
[Month YYYY] – Present | [City, State]

- Set up, programmed, and operated [CNC lathes and 3/4-axis mills] using [Fanuc/HAAS] controls to produce tight-tolerance components within ±[0.0005"] for [automotive/aerospace] applications.
- Interpreted engineering drawings and GD&T callouts, selected appropriate tooling and offsets, and optimized feeds/speeds to reduce average cycle times by [X%] while maintaining first-pass yield above [Y%].
- Performed in-process inspections using [calipers, micrometers, height gauges, bore gauges, and CMM reports], documented results in [SPC logs], and collaborated with [quality and process engineering] to resolve nonconformances.

[CNC Machine Operator] | [XYZ Metalworks]
[Month YYYY] – [Month YYYY] | [City, State]

- Operated and monitored [CNC machining centers] for production runs, performing offsets, tool changes, and basic edits at the machine to maintain dimensional accuracy and surface finish requirements.
- Conducted daily machine checks, lubrication, and basic preventative maintenance, identifying issues early and reducing unplanned downtime by approximately [X hours/month].
- Maintained organized workstations using [5S] principles, completed production and quality documentation in [ERP/MES system name], and trained new operators on standard operating procedures and safety protocols.

EDUCATION

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

- Completed coursework in [CNC programming (G-code/M-code), blueprint reading, GD&T, machining theory, and shop mathematics].
- Hands-on training with [HAAS/Fanuc-based] CNC mills and lathes, including setup, tool selection, workholding, and basic program editing.

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

- Relevant coursework: [Technical drawing, geometry, algebra, introductory manufacturing or shop classes].

SKILLS

- **CNC & Technical:** [CNC lathe setup], [CNC mill setup], [G-code/M-code], [Fanuc controls], [HAAS controls], [tool selection], [workholding and fixturing], [offsets and tool wear compensation].
- **Blueprint & Quality:** [Blueprint reading], [GD&T interpretation], [SPC basics], [first article inspection], [calipers/micrometers/height gauges/bore gauges], [surface finish inspection].
- **Software & Systems:** [Basic CAM software (e.g., Mastercam/Fusion 360 – if applicable)], [ERP/MES data entry], [digital work instructions], [MS Excel for production logs].
- **Safety & Maintenance:** [Lockout/Tagout awareness], [PPE compliance], [5S workplace organization], [basic machine maintenance], [coolant and chip management].
- **Production & Process:** [Cycle time optimization], [changeover/setup reduction], [root cause analysis for defects], [continuous improvement support].

- **Soft Skills:** [Attention to detail], [problem-solving], [team collaboration], [time management], [communication with engineers and quality staff], [reliability and strong work ethic].

PROJECTS

[Cycle Time Reduction Initiative – CNC Lathe Cell] | [ABC Precision Manufacturing]
[Month YYYY] – [Month YYYY]

- Analyzed existing programs and tooling for a high-volume [shaft/housing] part, recommending revised cutting parameters and alternative tooling to reduce cycle time by approximately [X%] without impacting quality.
- Standardized setup sheets, tool lists, and work instructions for the part family, reducing average setup time by [Y minutes] and improving consistency across shifts.

[New Part Introduction – CNC Mill] | [XYZ Metalworks]
[Month YYYY] – [Month YYYY]

- Supported engineers in proving out a new [aluminum/steel] component on a [3/4-axis CNC mill], assisting with initial setups, program adjustments, and fixture validation.
- Documented optimal offsets, clamping methods, and inspection checkpoints, contributing to a stable production process that met scrap and throughput targets within the first month of launch.