

Jamal Thompson

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SUMMARY

Results-driven Senior Tool and Die Maker with over 10 years of experience in designing and manufacturing precision tooling. Proven track record of improving production efficiency by 25% and reducing costs through innovative design and process optimization.

EXPERIENCE

Senior Tool and Die Maker

Jan 2022 - Present

Precision Molding Solutions, Los Angeles, CA

- Led a project that reduced die production time by 30%, resulting in a cost savings of \$50,000 annually.
- Implemented a new CAD software for die design, improving accuracy and reducing setup time by 15%.
- Collaborated with engineering teams to develop high-precision molds for automotive parts, achieving a 98% first-pass yield.

Tool and Die Maker

Jun 2016 - Dec 2021

Innovative Tooling Co., San Diego, CA

- Designed and built custom dies that increased production rates by 20%.
- Conducted root cause analysis on tooling failures, improving tool longevity by 40%.
- Mentored junior toolmakers, enhancing their skills and reducing production errors by 15%.

Apprentice Tool and Die Maker

Aug 2013 - May 2016

Machinery Works, Santa Ana, CA

- Assisted in the design and fabrication of various tooling systems, gaining hands-on experience with CNC machines.
- Reduced scrap rates by 10% through quality control initiatives and detailed inspections.
- Gained proficiency in multiple machining processes and tools, including EDM and wire cutting.

EDUCATION

Bachelor of Science in Mechanical Engineering Technology

May 2018

California State University, Los Angeles, Los Angeles, CA • GPA: 3.7

SKILLS

Technical Skills: CNC Machining, Mold Design, Precision Measurement, Blueprint Interpretation

Tools & Frameworks: SolidWorks, AutoCAD, Mastercam, EDM Machines