

Santiago Joshi

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SUMMARY

Passionate production operator skilled in machine operation and maintaining quality standards. Committed to safety and efficiency, consistently meets production goals across shifts. Experienced working in team-oriented environments, actively contributes to a clean workspace while adhering to safety protocols. Easily communicates with leads to address concerns and ensure product quality. Embraces training opportunities for continuous improvement in operational processes. Ready to lend expertise to enhance production at General Manufacturing Solutions.

EXPERIENCE

Machine Operation Intern

June 2025 – August 2026

University Project

Dallas, TX

Internship focused on practical application of machine operation skills within a structured learning environment. Managed hands-on tasks and collaborated in a team setting, contributing significantly to project goals.

- Operated various machinery under supervision, ensuring compliance with safety guidelines and regulatory requirements.
- Assisted in loading/unloading materials by performing quality inspections prior to packaging.
- Collaborated effectively with team members to maintain a tidy work area, enhancing safety.
- Participated in detailed training on machinery operations, contributing knowledge shared among peers.
- Developed skills for identifying production issues and communicated resolutions promptly to supervisors.
- Consistently met cycle time for production tasks, honing pace and efficiency.

Production Assistant

January 2025 – May 2025

Student Innovation Lab

Dallas, TX

Energetic production assistant managing hands-on assembly and packaging, dedicated to maintaining quality control across workflows.

- Supported production by assembling and packaging products precisely according to given specifications.
- Ensured daily maintenance of the work area aligns with outlined cleanliness and safety standards.
- Trained new team members on proper machine operation and adherence to safety practices.
- Conducted thorough inspections on finished products, systematically separating defective items to ensure standards.
- Actively participated in team discussions aimed at addressing production targets and operational challenges.
- Accurately documented production data and relayed insights to supervisors for ongoing improvements.

LEADERSHIP & AWARDS

- Dean's List, University of Texas at Dallas - Fall 2025
- Hackathon Winner, Robotics Challenge - Spring 2026

EDUCATION

Bachelor's Degree in Mechanical Engineering

2027

University of Texas at Dallas GPA: 3.5

Dallas, TX

Coursework: Thermodynamics, Fluid Mechanics, Materials Science, Machinery Design

CERTIFICATIONS

- Certified Production Technician (CPT) 📅 2026
- Forklift Certification 📅 2026

TECHNICAL SKILLS

- **Manufacturing Machines:** Milling Machine, Lathe, Drill Press
- **Automation Tools:** PLC, HMI Software, SCADA Systems
- **Quality Assurance Frameworks:** Six Sigma, ISO Standards, Lean Manufacturing
- **Safety Standards:** OSHA Regulations, PPE Protocols, Risk Assessment
- **Assembly Techniques:** Lean Assembly, Kanban Systems, Just-In-Time Production
- **Material Handling Equipment:** Pallet Jack, Forklift, Conveyor Belts
- **Documentation Tools:** MS Excel, MS Word, Production Log Software
- **Machining Processes:** Turning, Milling, Grinding
- **Team Coordination Tools:** Trello, Asana, Slack
- **Inventory Management Systems:** SAP, Oracle, Fishbowl Inventory

SKILLS

- Machine Operation
- Team Collaboration
- Time Management
- Documentation Skills
- Quality Control
- Packaging Procedures
- Inspection Skills
- Workspace Organization
- Safety Compliance
- Material Handling
- Training Abilities
- Compliance Adherence
- Bilingual (English & Spanish)
- Operational Efficiency
- Production Planning
- Workplace Safety

PROFESSIONAL AFFILIATIONS

- Member, Engineering Student Association - 2025-Present
- Volunteer, Dallas Food Bank - 2025-Present

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST