

ALLEN P. JOSE

PRODUCTION MANAGER | ADDITIVE MANUFACTURING |
OPERATIONS SYSTEMS

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PROFESSIONAL PROFILE

Production Manager and additive manufacturing specialist with 5+ years in a growing industrial environment. Production planning and operating control have been established responsibilities since 2022, with people management and higher-level production leadership exercised day to day since 2024. The July 2026 promotion formalized that existing scope. Connects application engineering, field-service judgment, lean operating systems and digital workflow design.

5+ years	4+ years	2+ years	End-to-end
Additive manufacturing	Production responsibility	People + operating leadership	Intake through shipment

PROFESSIONAL EXPERIENCE

Production Manager

July 2026 - Present | Designfusion Inc. | Toronto, ON

Formal promotion recognizing production-system and people leadership already exercised day to day for at least two years.

- Own production priorities and the master schedule across HP MJF, Formlabs SLS/SLA, Markforged CFF, FDM and connected post-processing operations.
- Coordinate a single-digit technical team across build preparation, machine operation, finishing, inspection and completion, reassigning labor as priorities change.
- Control capacity, WIP, equipment readiness, materials, maintenance windows, quality risks and delivery recovery across the production chain.
- Lead structured problem solving and contribute to hiring, training, equipment selection, capacity scenarios and operating-system improvements.

Application Specialist

January 2021 - June 2026 | Designfusion Inc. | Toronto, ON

Joined in applications and field service; production responsibilities were established by 2022 and scaled into sustained people and operating leadership by 2024.

- Translated customer requirements into viable additive applications through feasibility review, DFAM, material and process selection, build strategy and implementation support.
- Guided external engineering and design teams on manufacturability, part consolidation, assembly simplification and practical additive adoption.
- Took on production planning, scheduling, equipment readiness, materials, maintenance and completion coordination as established job responsibilities from 2022 onward.
- Managed day-to-day people, WIP, post-processing, quality and delivery recovery at significant operating volume for at least two years before the formal promotion.
- Combined certified HP MJF field service with production tracking and workflow automation using SharePoint, Power Automate, Python and AI-assisted development.

Student Researcher - Additive Manufacturing & Structural Analysis

January 2020 - April 2020 | ARIES Lab, Centennial College | Industry partner: Bombardier

Contributed to an aerospace additive-manufacturing study focused on topology optimization, FEA and physical validation.

- Designed test fixtures, compared simulation results with destructive testing and documented methods, test conditions, findings and limitations.

SELECTED SYSTEMS WORK

Additive Manufacturing Control System WORKING MVP	Modelled order, part, build, reprint and status relationships. Used as a requirement benchmark when evaluating supported SaaS platforms, with managed file security treated as a core selection constraint.
Maintenance & Error Tracker OPERATIONAL WORKFLOW	QR-accessed, asset-centred record connecting device, error, print and maintenance histories to support corrective action and root-cause learning.
UtilityOps Readiness Assistant LEARNING BUILD	Public foundational project exploring embeddings, retrieval, structured readiness checks, blocker summaries, evidence references and human review using synthetic data.
Production Tracking & Automation OPERATIONAL TOOLS	Designed multi-stage production visibility and lightweight document automation using SharePoint, Power Automate and AI-assisted development.

TECHNICAL DEPTH

Production operations Master scheduling, capacity and WIP control, labor deployment, delivery recovery, materials, inventory and maintenance readiness.	Additive processes HP MJF, Formlabs SLS/SLA, Markforged CFF, FDM, application discovery, DFAM, build strategy and HP field service.
Post-processing Powder removal, bead blasting, vapor smoothing, dyeing, painting, assembly, finishing control and inspection.	Digital systems SharePoint, Power Automate, Office 365, Odoo, Python, AI-assisted development, workflow and data-model design.
Engineering SolidWorks, Solid Edge, FEA, topology optimization, fixture design, technical documentation and manufacturability review.	Operating methods 5S, Kanban-style flow, Kaizen, root-cause analysis, PDCA, SOP development, preventive maintenance and visual management.

EDUCATION

Mechanical Engineering Technology: Design	2018 - 2020 Centennial College High Honours
Bachelor of Engineering - Mechanical Engineering	2013 - 2017 MG University WES Canadian equivalency

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

HP Multi Jet Fusion - Field Service Engineer	Certified SolidWorks Associate (CSWA)
Data Science Foundations - DSI, University of Toronto	AI Agents Fundamentals - Hugging Face
Introduction to Artificial Intelligence - IBM / Coursera	Generative AI: Introduction and Applications - IBM / Coursera