



Dhananjay Debnath

Production Manager | Modular Furniture Manufacturing

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Current

Production Manager

Timber Tech (Wood Aura) · Mar 2024 – Present

Experience

10 years

Modular furniture manufacturing

Training

Biesse-trained

CNC & Spazio 3D

Contact

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Location
Kolkata, West Bengal, India

Portfolio
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Certifications

- Biesse CNC Operation & Preventive Maintenance
Training by Biesse engineer
- Spazio 3D Cabinet Design & Optimization
Trained by Biesse engineer
- Naadi 3D design software training (2026)
3D modular furniture design

Languages

- Bengali – Native
- Hindi – Fluent
- English – Working

Education

Secondary (10th Pass), 2015
WBBSE

Machines

Biesse: Rover Gold 1232 CNC, Selco SK 3 beam saw, Jade 340 & Akron 1440 edge banders · Jai: J-3200.in & OptiSaw 3.2 panel saws, J-4550.in & OptiEdge edge banders, 38-spindle multi boring, Optimus multi-boring machine · Hunny Impex: Hi-700 PUR edge bander, Hi-202 multi boring, Hi-320 panel saw · KDT 38-spindle multi boring · Homag EDGETEQ edge bander · Altendorf F 45 · Srichakra hot press

Management

1 Site measurement → 2 Design & production drawings → 3 Cut list & BOM → 4 PPC → 5 Team & shop-floor management → 6 Quality control & dispatch → 7 Installation management

Software

Spazio 3D (design, cut list, CNC programs) · XML programs for beam saw · Naadi 3D (design & rendering) · AutoCAD 2D (advanced) · B_OPTI, MaxCut, Jinny ModGo (panel optimisation; Jinny ModGo self-developed) · Own-developed production software · Excel & Google Sheets (advanced: BOM & cut-list sheets) · AI tools (ChatGPT etc.) for planning, cut-list/BOM checks, reports & documentation

Profile

Career growth: 2016 Cutting Operator → 2018 Cutting & Multi Boring Operator (Biesse) → 2021 All-Rounder Operator → 2024 Production Manager

Production Manager with 10 years of hands-on experience in modular furniture manufacturing. Skilled in operating and managing CNC boring, beam saw, panel saw, multi boring and edge banding machines. Proficient in AutoCAD 2D production drawings, cut list optimisation, Spazio 3D cabinet design and production workflow management. Seeking a challenging role to contribute strong technical expertise and leadership in a professional manufacturing environment. A quick learner who adopts new software and tasks fast and trains the team on them.

Experience

Production Manager

Mar 2024 – Present

Timber Tech (Wood Aura) · Raipur, Chhattisgarh

- Manage end-to-end production: planning, scheduling, execution and quality control.
- Lead a team of production operators and coordinate daily floor activities to meet targets.
- Prepare and optimise cut lists, BOMs and CNC programs using Spazio 3D.
- Supervise Biesse CNC drilling, Altendorf panel saw, edge banding and multi boring operations.
- Coordinate design, purchase, production and installation teams; conduct site measurements and produce production-ready drawings.
- Monitor material utilisation, reduce wastage and improve efficiency; maintain production reports, inventory coordination and dispatch planning.
- Ensure quality standards, safety procedures and on-time project delivery.

All-Rounder Operator

Oct 2021 – Dec 2023

Kiran Furniture (Kanika Furniture) · Bhubaneswar, Odisha · Contract via Hunny Impex, with own team

- Prepared cut lists in Excel from 2D drawings and optimised them using Maxcut.
- Operated multi boring, edge banding, panel saw and spindle modular grooving machines.
- Managed production floor activities; ensured quality control and minimum material wastage.
- Assisted in production planning, machine setup and daily production targets.

Cutting Machine & Multi Boring Operator – Biesse

2018 – Aug 2021

Kutchina Kitchen Appliances Pvt. Ltd. · Barrackpore, Kolkata · Contract

- Operated Biesse panel saw and multi boring machine for modular kitchen production.
- Performed edge banding, hot pressing (pasting) and hardware fitting.
- Executed cutting lists and production drawings with high accuracy, minimising wastage.

Cutting Operator

2016 – 2018

Designer Private Limited · Kolkata, West Bengal

- Panel saw / cutting machine operation; read cutting plans and production drawings.
- Edge banding and hardware fitting; accurate cutting with minimum material wastage.

References available upon request.