

# Syed Ahmad Kamal

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**Production Planner | SAP PP / MRP | Production Scheduling | Capacity Planning**

## PROFILE

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Production planner with high-volume automotive experience at Atlas Honda, Pakistan's largest motorcycle manufacturer (1.4M+ units a year). Planned a 4,650-unit daily build programme across two assembly lines, owning scheduling, capacity modelling, production orders and shortage recovery. Builds the tools behind the plan, from calendar-based capacity models to shortage models fed by SAP, Stores and in-transit data. MSc Engineering Management from Nottingham Trent University, with assembly-line optimisation research for Scania.

## KEY SKILLS

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- **Production Planning & Control:** daily, weekly and monthly scheduling, model and colour sequencing, lot sizing, production-order release, plan attainment and schedule recovery.
- **Capacity & S&OP:** calendar-based capacity models, cycle-time and efficiency assumptions, shift and overtime rules, weekend-production scenarios.
- **Materials Planning:** MRP, BOM-based requirements, shortage visibility, expediting, inter-plant supply, OSP/subcontract tracking, safety stock and stock reconciliation.
- **SAP PP / MRP:** MD04, CO01/CO02/CO03, CO11N, COOIS, BOMs, routings, work centres, production versions and confirmations; SAP MM working knowledge.
- **Data & Tools:** advanced Excel (Power Query, PivotTables, dashboards), VBA automation, Power BI, Python.

## PROFESSIONAL EXPERIENCE

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### Atlas Honda Limited | Sheikhpura, Pakistan

*Promoted from Management Trainee to Assistant Manager within six months.*

#### Assistant Manager, Production Planning and Control

**Jun 2024 - Sep 2025**

Functionally supervised a four-person PPC team covering scheduling, production orders, shortages and aftermarket spares; SAP PP Super User across six departments.

- **Detailed Scheduling:** Converted monthly model and colour demand into lot-sized weekly and daily schedules for two assembly lines, using the standard cycle time and efficiency-adjusted capacity to set model mix, sequence and timing.
- **Capacity & Scenario Planning:** Owned the monthly and annual capacity model, classifying every date by day type (normal, holiday, reduced hours, weekend) and applying its hours and overtime rules. Tested five scenarios, from base capacity to Saturday and Sunday shifts, so S&OP could choose the least disruptive option that met demand.
- **Production Orders & SAP PP:** Validated MRP planned orders in MD04, converted and released production orders, monitored confirmations and resolved PP/master-data issues with shop-floor supervisors.
- **Shortage Visibility:** Designed the logic for a VBA shortage model covering about 1,100 active material lines, combining SAP receipts, rejections and dispatches with unposted Stores stock and inter-plant consignments, phasing in-transit loads by ETA and pinpointing the lot each shortage would hit.
- **Schedule Recovery & Expediting:** Tracked schedule adherence and units lost to shortages or line disruption, then expedited by air or fast-track with Supply Chain, Stores and the Karachi plant, resequenced production or recovered output within the monthly programme.
- **Shift & Transport Proposal:** Mapped both lines' shift patterns against the shared van fleet and compared five options; proposed splitting Line 2 overtime across its two shifts so it could run without extra van runs. Presented to senior plant leadership.
- **Export Packing in SAP:** Helped build the SAP framework for export packing across seven models: packed and unpacked material states, new material codes, BOMs, work centres and packing-material MRP. Moving box assembly to a contractor through OSP raised packing capacity from 450 to 540 units a day; a separate box redesign fitted 15% more bikes per container.
- **Safety Stock & Stores Capacity:** Re-evaluated safety stock for 3,000+ components across four policy tiers, from about 1 day for JIT to about 20 days for hardware and long-lead items, and converted buffers into pallet and bin requirements against Stores space.

- **Stock Accuracy & Master Data:** Reconciled physical stock against SAP and moved non-conforming material to Quality Inspection or Blocked status; created work centres and maintained BOMs, routings and production versions through the ECC to S/4HANA migration.
- **Consumables MRP:** Implemented MRP for paint, welding wire and aluminium sheet, correcting inflated BOM usage rates.

#### Management Trainee, Production Planning and Control

Dec 2023 - May 2024

- **Export Planning Automation:** Rebuilt monthly export planning in Excel/VBA around one input table that generated lots, invoice allocation, packing and dispatch summaries, cutting preparation from about six hours to one.
- **Shortage Reporting Automation:** Automated multi-source shortage reporting, cutting each run from about 60 minutes to 5-10 and removing 10+ hours of manual work a week.

#### Freelance | Remote

#### Data Reporting and Automation Consultant (Part Time)

Jul 2020 - Aug 2025

- Evenings-and-weekends work alongside study and employment: Excel/VBA automation, KPI reporting, inventory dashboards and data-cleaning tools for retail, logistics and e-commerce clients.
- **Automotive Sales Planning Model:** Built the Excel/VBA planning system used by an automotive distributor's national sales manager, splitting annual targets for about 20 dealerships into monthly, model-level and daily plans with plan-versus-actual dashboards.

#### Sainsbury's | Worcester, UK

Oct 2025 - Present

#### General Assistant, Online Fulfilment (Part Time)

- Pick 200+ items per hour at 99%+ accuracy against fixed dispatch windows in a store handling up to 14,000 online items a day, resolving system-versus-physical stock exceptions.

#### PROJECTS

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- **Shortage Management Portal:** Web tool that surfaces material shortages, builds the dispatch list needed to cover them and prioritises transport mode before the line is affected; validated against historical Atlas Honda production data.

#### EDUCATION

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#### MSc Engineering Management | Nottingham Trent University, UK

Sep 2025 - Sep 2026

- Course completed 24 Sep 2026; final classification pending. Distinction-level marks across taught modules; Course Representative.
- **Industrial dissertation, Scania Production Zwolle:** rebalanced an 89-task multi-manned truck assembly line using CP-SAT constraint programming and SimPy simulation. Reached 94.1% certified operator efficiency in the model, 12.3 points above a simulated annealing baseline, identified a 299-second single-task bottleneck as the binding constraint and a potential rise from 130 to 152 trucks a day.

#### BSc Mechanical Engineering | NUST, Pakistan

Sep 2019 - Jun 2023

- CGPA 3.29/4.00. Best Community Service Student Award. Formula Student EV Powertrain and Cooling Design Lead: improved cooling performance by 15% using SolidWorks and ANSYS FEA.

#### CERTIFICATIONS AND ADDITIONAL

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Foundations of Project Management (Coursera) | Excel Fundamentals for Data Analysis (Coursera) | Power BI Desktop (LinkedIn Learning) | SolidWorks (Udemy)

Full UK driving licence. West Midlands based; flexible on location and shift pattern. Available immediately. Current UK right to work; Graduate Route application planned after NTU award confirmation.