

# GOKHAN SAHIN

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## SUMMARY

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Results-driven Management Engineer with 2+ years of experience in production planning, supply chain operations, and process optimization. Highly proficient in advanced Excel (PowerQuery, PowerBI, VBA Macros), data analytics, and MRP/ERP systems. Certified Six Sigma Green Belt skilled in forecasting, capacity planning, and Lean methodologies. Passionate about automation and AI-driven process improvement.

## CORE COMPETENCIES

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- Production Planning & Scheduling
- Supply Chain & Inventory Management
- MRP/ERP Systems (SAP / Oracle / MS Dynamics)
- Advanced Excel (PowerQuery, PowerBI, VBA Macros)
- Forecasting & Capacity Planning
- Lean & Six Sigma (5S, Kaizen, Kanban, FIFO)
- Data Visualization & Reporting
- Process Improvement & Automation
- MATLAB & Python
- Team Leadership & Cross-Functional Collaboration
- Spanish (Advanced)

## PROFESSIONAL EXPERIENCE

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### Air Electro, Inc. – Los Angeles, CA — *Production Planning Engineer (Apr 2025 – Present)*

- Manage production schedules aligned with demand forecasts and capacity.
- Utilize MRP systems to ensure timely material availability.
- Analyze production data using Excel/PowerQuery to support leadership decisions.
- Identify bottlenecks and implement workflow improvements.
- Coordinate cross-functional activities across fabrication and assembly.

### Teklas Automotive Mexico – Aguascalientes, Mexico — *Production Planning Engineer (Sep 2023 – Jun 2024)*

- Reduced scheduling errors by ~30% through improved ERP alignment.
- Optimized inventory levels using Kanban, reducing overstock ~18%.
- Resolved production bottlenecks within 24 hours, improving uptime.
- Led 100+ personnel in extrusion and vulcanization operations.
- Designed Excel/PowerBI capacity dashboards improving forecasting accuracy.

### Mondelez International – Istanbul, Turkey — *Customer Collaboration & Logistics Specialist (Jan 2023 – Sep 2023)*

- Resolved customer escalations within SLA improving satisfaction.
- Strengthened order fulfillment processes, improving on-time delivery.
- Analyzed demand & promotional data to enhance on-shelf availability.

## EDUCATION

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### **Bachelor of Engineering – Management Engineering (ABET-Accredited)**

Istanbul Technical University (ITU), Turkey (2017–2022)

**Exchange Program:** Universitat Politècnica de Catalunya (UPC), Spain (2019–2020)

University Rankings: ITU #326 (QS 2025), UPC #371 (QS 2024)

## PROJECTS

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### **AI Desktop Automation Agent (Python + LLaMA Models)**

Built an AI-driven UI automation system using OCR, GUI automation, and offline LLaMA models for document creation and email workflows.

### **Color Detector – MATLAB**

Created an image-processing tool to identify color-based manufacturing defects.

## CERTIFICATIONS

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- Six Sigma Green Belt — The Council of Six Sigma
- Spanish Certification (Advanced) – Instituto Cervantes
- WES Credential Evaluation Completed

## ADDITIONAL INFORMATION

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- Multilingual: English, Spanish (Advanced), Turkish (Native)
- Interested in automation, AI-driven optimization, and global supply chain strategies.
- References available upon request.