

# Hilal YILMAZ

+905347228324 | Bursa, Türkiye | [hilalyilmaz@windowslive.com](mailto:hilalyilmaz@windowslive.com) | [LinkedIn](#)

## Production and Planning Engineer

Production and Planning Engineer experienced in Manufacturing Operations, Lean Manufacturing Techniques (Kaizen, 5S), Process Improvement, Productivity Analysis, Production Planning and Project Engineering within global companies. I have worked with diverse teams in Turkey and Italy, fostering my research, problem solving and communication skills. My adaptability and willingness to embrace new cultures have enabled me to thrive in various environments.

I am enthusiastic, positive minded, and attentive to details. With a multidisciplinary education in Industrial Engineering and Management Engineering, I am dedicated to achieving success and adding value in any organization I work for.

### SKILLS

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|-----------------------------|-------------------------|---------------------------|
| ➤ Manufacturing Engineering | ➤ Project Management    | ➤ Analytical Thinking     |
| ➤ Industrial Engineering    | ➤ Productivity Analysis | ➤ Teamwork-Collaborative  |
| ➤ Process Improvement       | ➤ Communication Skills  | ➤ Creativity & Innovation |
| ➤ Manufacturing Operations  | ➤ Leadership Skills     | ➤ Adaptability            |
| ➤ Production Planning       | ➤ Problem Solving       | ➤ Time Management         |

### EXPERIENCE

**Bosch-Powertrain Solutions**, Bursa, Türkiye

**02.2022 – 12.2022**

**Production and Planning Engineer**

- Streamlined production, assembly, and testing processes resulting in the safe, efficient, and cost-effective production of high-quality products.
- Ensured the implementation of safe and efficient manufacturing practices by appropriately establishing all necessary routings, fixtures, tooling, procedures, and processes.
- Implemented process improvements resulting in a reduction of process variation, waste, and quality upsets, while creating standard work procedures and a preventative maintenance plan.
- Created comprehensive production documentation, including assembly instructions.
- Carried out FMEAs (Failure Mode Effects Analysis), process documentation Statistical Process Control (SPC), and implement improvements (Lean Manufacturing Techniques-Kaizen,5S).
- Established and followed up safety procedures and environmental regulations for employees.

**Salerno University**, Salerno, Italy

**03.2018 – 06.2018**

**Industrial Engineer-Voluntary Project**

- Actively involved in the Car Seat Ergonomics project as a part of the Erasmus program of MA Degree in Management Engineering.
- Analyzing and reporting data using SPSS.
- Optimizing the production process and increasing efficiency using Delmia and Catia software.

**Camsan Integrated Tree Industry and Trade Joint Stock Company**, Sakarya, Türkiye

**01.2017 – 02.2017**

**Production Engineer Traineeship**

- Contributed to the implementation of the Lean Production Techniques (5S, KAIZEN, KANBAN, FIFO, LIFO, Fishbone Analysis).
- Drove the success of projects related to Production Planning, Ergonomics, Time and Method studies through active participation.

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- Participated in the implementation and integration of SAP, ERP, and MRP systems resulting in improved efficiency, accuracy, and productivity across all departments.

**Acibadem Healthcare Group, Istanbul, Türkiye**  
**Industrial Engineer Traineeship**

**07.2016 – 08.2016**

- Provided support in Productivity Analysis and comparative Report Preparation (Excel, VBA)
- Gained experience in the application of Lean Manufacturing Techniques in the Service Sector.

**VALEO, Bursa, Türkiye**

**06.2015 – 08.2015**

**Project Engineer Traineeship**

- Gained valuable experience rotating through various departments of the company.
- Contributed to the successful transition project from SAP to BARFLOW.
- Participated in projects applying Lean Production techniques, Ergonomic Analysis and Time Study.
- Working on software development projects and performing coding operations using C# and C++ languages.

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## PROJECT-CERTIFICATE

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**Emotional Resilience Training Certificate**

**10.01.2024**

**Time Management Training Certificate**

**14.12.2023**

**McKinsey Company – McKinsey Academy Forward Program Certificate**

**18.04.2024**

Business Administration and Management, General-Training (6months)

**Young Executive Academy, Online**

**15.11.2023 – 15.05.2024**

Business, Management, Marketing, and Related Support Services - Training

**Ministry of Youth and Sports, Afyonkarahisar, Türkiye**

**15.12.2021 – 19.12.2021**

Entrepreneur-Project Writing Afyonkarahisar Entrepreneurial Young Leaders Association

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## EDUCATION

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**Salerno University, MA Degree/Italy**– Management Engineering (2018-2021)

**Dumlupinar University, B.Sc. Degree/Turkey** – Industrial Engineering (2012-2017)

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## OTHER

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**Languages:** Turkish (native), English (fluent), Italian (intermediate), German (intermediate)