KAYAHAN KAYA

Mechanical Engineer

+31 629218155
kayahankaya@icloud.com
linkedin.com/in/kayahankaya/
Eindhoven, Netherlands

EXPERIENCE

Stamping Feasibility and Process Engineer

Ford Motor Company

04/2019 - 01/2022 Kocaeli, Turkey

Automotive

- Completed 3 Main Commercial Vehicle Projects as V713, V710, and V763 Programs.Main Feasibility Scope: Core Panels (Front Door Outer, Front Door Inner,Roofs, Hood Outer/Inner, etc. Panels.) (15 panels/process which includes 55 dies/operations)
- Providing Stamping Feasibility feedback and proposing applicable solutions to Design Studio and Product Development Teams by using CATIA and AUTOFORM Software for Ford Otosan, Ford of Europe, and Ford North America in new vehicle projects.
- Checking Part Design according to Process Driven Product Design (PDPD) gives quick feedback to the Product Design Team at the beginning of the feasibility phase.(Created 'Roof Panels PDPD' for internal know-how database)
- Creating process concept, deciding process parameters for each part which is appropriate to Main and Alternative Press Lines according to Global Press Book and agreeing on created process concept with all relevant teams (Die Design Die Manuf. Press Shop Teams) by completing Set meetings for each panel.
- Generating cost reduction ideas "Die number optimization" and "Material Utilization Percentage". Providing subject matter expertise and supporting tooling suppliers. (saved 1 die cost and also 7€ for each vehicle for Front Door Inner part of V763 vehicle project and 1-5€ for each part of roof panels in V710 project)
- Leading the Stamping Feasibility Period of the new vehicle project by creating collaborative teamwork between the Product Development, Design Studio, and Die Process Teams.
- Defining design-based problems and proposing solutions that apply to vehicle design. (600+ design-based problems solved based on FCR's report)

Technical Support & Project Engineer

Vaillant Group

09/2016 - 04/2019 Istanbul, Turkey

HVAC

- Support the project manager while performing site visits for initial customer contact and site surveying. (80+ field visits annually for service centers, dealers, and commercial customers.)
- Coordination and collaboration with project team members (Customer Services, Supply Chain Management, Sales& Marketing, Quality Management, suppliers, sub-contractors, etc.) to support dealers and after sale services by drawing projects for related HVAC equipment and systems
- Cooperate with the sales team for direct customers, and identify tender requirements and customer needs.
- Defining and implement technical training strategies for all internal and external customers. (1000+ staff of dealer)
- Providing technical support to all internal and external customers across the full product portfolio. (30+ large scaled HVAC project designs)
- Managing the customer complaint process to ensure the provision of solutions for customer problems that could not solved by the other departments, ensuring end user complaints are resolved in a timely manner.
- Giving support provided to After Sales Service and Complaint Management, to find technical solutions for end user problems and ensure complaints are managed in a professional manner. (drawn 200+ drawings to create database for basic solutions.)

Technical Support Engineer

3bfab

08/2015 - 09/2016 Istanbul, Turkey

Additive Manufacturing / 3D Printing

- Installing our 3D Priting & 3D Scanning machines for customers
- Planning Technical Support appointments through the SalesForce.
- Following the solutions of technical cases coming from customers via e-mail, telephone or sales team.
- Providing technical support in place and in company.
- Providing technical support for after-sales and sales for the first installation in large-scale businesses.
- Making daily task distributions within the team
- Periodically organizing advanced training seminars for all devices purchased by customers.

WHO AM I?

- Born on June 9, 1991. Married.
- Qualified Engineer with 6+ years of process engineering and technical project experience in multiple engineering disciplines, mainly in the Automotive Manufacturing Industry as a Feasibility and Process Engineer.

EDUCATION

Mechanical Engineering

Yildiz Technical University

09/2009 - 12/2015 Istanbul, Turkey

Math & Science

Bornova Anatolian High School

09/2005 - 06/2009 Izmir, Turkey

SKILLS

AutoForm | Catia V5 (Gen. Shape Design) | AutoCAD | Teamcenter | Solidworks | Python | MySQL

LANGUAGES

English — Proficient

Turkish — Native

STRENGTHS

Results oriented-Resistance to stress

by doing there large scale vehicle projects in Automotive Industry

Analytical thinking-Problem solver

by solving puzzles, algorithms problems and playing strategic tabletop games :)

Leadership and Organizer

by preparing & leading almost all presentations or events for colleagues/friends.