**Oguzkagan Ilhan**

Cork,Ireland | (+353)83 016 06 11| [oguzkaganilhan@gmail.com](mailto:oguzkaganilhan@gmail.com)

Work Eligibility: Stamp 4 (Eligible to work in Ireland without restriction or requirement for sponsorship.)

https://oguzkagan.vercel.app

**PROFESSIONAL SUMMARY**

A versatile and analytical Industrial Engineer with a proven track record in data analysis, process optimisation, and quality management. Experienced in leveraging SQL, Python, and Power BI to transform complex data into actionable insights and drive data-informed business decisions. Adept at leading continuous improvement initiatives, evidenced by a 17% increase in workflow efficiency in a previous role. Combines a strong technical skill set with hands-on experience in e-commerce and supply chain environments. A Google Certified Data Analyst committed to delivering solutions that enhance operational excellence. Actively incorporates emerging AI technologies, including custom code agents, to automate complex tasks and drive business growth.

**CORE COMPETENCIES**

Data Analysis & Visualisation: SQL, Python (Pandas, NumPy), Power BI, MS Excel (Pivot Tables, Macros), Data Modelling, KPI Dashboards, Reporting

Programming & Databases: Python Scripting, SQL, SAP ERP

Quality Management & Process Improvement: Root Cause Analysis (5WHY, Ishikawa), PFMEA, 8D Methodology, CAPA Process, Continuous Improvement, ISO 9001, IATF 16949

AI Application & Tools: AI Code Generation, Prompt Engineering, AI-Assisted Development, API Integration

**EXPERIENCE**

**Self-Managed E-Commerce Business(Amazon FBA)**

**Freelance**

*Product Analyst (Mar 2024 – Present)*

* Conducted comprehensive market and competitor analysis to identify profitable product opportunities, defining the product strategy from concept to successful launch.
* Performed in-depth analysis of sales performance, pricing elasticity, and customer feedback using Excel and SQL to identify key growth drivers and inform product lifecycle decisions.
* Analyzed digital advertising campaigns and conversion funnels, optimizing marketing spend and strategy to increase product visibility and improve conversion rates.
* Leveraged data analysis to optimize the end-to-end supply chain, forecasting demand and analyzing inventory turnover to improve profitability and ensure optimal stock levels.

**Musgrave Group**

**Cork, Ireland**

*Warehouse Associate (Sep 2023 – Sep 2025)*

* Operate advanced voice-picking technology within a high-volume chilled warehouse, consistently meeting and exceeding targets for order accuracy and efficiency.
* Contribute to supply chain continuity by ensuring precise and timely assembly of products for order fulfilment.

**Eczacibasi Building Materials**

**Eskisehir, Turkey**

*Customer Quality Engineer-Quality Assurance (Feb 2023 – Jun 2023)*

* Managed and resolved technical customer complaints via an SAP-based portal, ensuring adherence to strict quality standards.
* Automated the generation of performance reports for OEM customers using Excel Macros, saving approximately 2 hours of manual work per week.
* Performed detailed analysis of customer issues and provided actionable feedback to production teams to prevent recurrence.

**Sampa Automotive Industry & Commerce**

**Samsun, Turkey**

*Quality Improvement & Customer Quality Supervisor (Jan 2021 – Jan 2023)*

* Led a team of 6 engineers in executing quality improvement projects, successfully reducing critical customer complaints by 9% over 12 months.
* Engineered and automated KPI dashboards using Power BI and Excel, providing senior management with real-time visibility into quality metrics and complaint resolution times.
* Drove a project to redesign the B2B customer complaints portal, which eliminated data duplication and increased the team's operational efficiency by 17%.
* Owned the end-to-end CAPA process for all B2B complaints, ensuring timely resolution and strengthening key customer relationships.

*Quality Improvement & Customer Quality Engineer (Mar 2019 – Jan2021)*

* Conducted in-depth root cause analyses on recurring product defects using 5WHY and Ishikawa diagrams, leading to sustainable corrective actions.
* Applied the 8D problem-solving methodology to systematically resolve complex customer issues, enhancing product reliability and customer satisfaction.
* Utilized SAP for stock control management, workflow monitoring of semi-finished goods, and technical drawing reviews to ensure production quality.

**EDUCATION**

**Gaziantep University**

**Gaziantep, Turkey**

*BSc in Industrial Engineering (*Level 8) (2019)

* **Thesis:** Forecasting Monthly Sales of Vending Machines: A Case Study
* **Internship:** Process Engineering at Anadolu Efes Brewery and Malt Industries(Ankara,Turkey)

**CERTIFICATIONS**

Google Data Analytics Professional Certificate

Stanford University - Programming Methodologies

Patika.dev - Python Bootcamp Accelerator Program