

Ilhan Karatoprak

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[Portfolio](#) [LinkedIn](#) [GitHub](#)

Personal Profile

My solid background in engineering has significantly enhanced my analytical thinking and problem-solving skills. In October 2024, I graduated from the Digital Skills Bootcamp focused on data analysis and visualisation. During this programme, I gained practical experience by working on various projects in the field of data analytics. Additionally, I completed the Google Data Analytics Professional Certificate in June 2024.

Through my education, I acquired in-depth knowledge of data analysis, data cleaning, data visualisation, and reporting. My passion for data-driven decision-making has directed my career towards the field of data analysis.

In the future, I aim to analyse complex data sets to provide strategic insights and leverage these analyses to improve business processes. My strengths in communication, teamwork, and critical thinking enable me to collaborate effectively with teams and present data-driven insights clearly and persuasively.

Key Skills

Technical Skills

- **Data Analysis & Visualisation:** Python (Pandas, Matplotlib, Seaborn), R (ggplot2), Tableau, Power BI, MS Excel
- **Programming:** Python, JavaScript
- **Database Management & Querying:** SQL, Microsoft Azure
- **Cloud Computing:** Microsoft Azure
- **Web Development:** HTML, CSS
- **Version Control:** GIT, GitHub
- **Data Cleaning & Preparation:** Python (Pandas), R(dplyr, tidyr)

Soft Skills

- **Analytical Thinking:** Able to break down complex data sets to deliver clear, actionable insights.
- **Attention to Detail:** Ensures accuracy and precision in data analysis, reducing errors and improving the quality of reporting.
- **Communication Skills:** Strong ability to communicate technical data findings to both technical and non-technical stakeholders.
- **Critical Thinking:** Skilled at questioning data assumptions and conclusions to ensure robust analysis.
- **Collaboration & Teamwork:** Proven track record of working efficiently within teams to achieve shared goals in data projects.
- **Adaptability:** Quickly adapts to new tools, technologies, and evolving business needs, and continuously seeks self-improvement.
- **Time Management:** Effectively manages multiple projects with tight deadlines to ensure timely and accurate data deliverables.
- **Curiosity & Proactive Learning:** Always eager to explore new trends in data analytics and technologies for continuous growth.
- **Problem-Solving Under Pressure:** Able to deliver high-quality work under time constraints, solving complex data issues swiftly.

Training and Education

08/2024 – 10/2024

Just IT Training Ltd, London

Digital Skills Bootcamp: Data Technician

A twelve-week intensive bootcamp covering the fundamentals of Data Technician.

- Data, Big Data and Data Structures
- Data Architecture & Governance
- Data Analysis using MS Excel.
- Introduction to Data Visualisation with MS Excel Tableau and Power BI
- Module 4- Data Analytics – Power BI
- Introduction to Database- Access & SQL Assignment
- Azure Fundamentals - Module 4- Fundamentals of data analytics
- Azure Fundamentals - Module 3- Non -relational data in Azure - Access (DB)
- Azure Fundamentals - Module 2- relational data in Azure (DB)
- Azure Fundamentals - Module 1- core data concepts- Software SAAS, Cloud
- Introduction using R analytical - Data cleaning and EDA with R Studio and R programming.
- Data Analysis via Python programming- Utilising Pandas, Matplotlib & Seaborn

01/2024 - 06/2024

Coursera

Google Data Analytics Professional Certificate Course

Professional Certificate - 8 course series

- Foundations: Data, Data, Everywhere
- Ask Questions to Make Data-Driven Decisions
- Prepare Data for Exploration
- Process Data from Dirty to Clean
- Analyze Data to Answer Questions
- Share Data Through the Art of Visualization
- Data Analysis with R Programming
- Google Data Analytics Capstone: Complete a Case Study

08/2013 - 06/2014

Malvern House, London, UK

General English Language Course

09/2004 - 02/2009

Sivas Cumhuriyet University, Turkey

Bachelor's Degree in Mechanical Engineering

Faculty of Engineering, Energy Major

Employment History

01/2015 - 07/2024

Director

Karatoprak Ltd, London, UK

- Established and led a company specializing in custom design services, offering both 2D and 3D technical drawings.
- Oversaw the strategic planning, operational management, and daily operations of the company.
- Developed detailed and precise technical drawings and custom design solutions tailored to specific client needs and project requirements.
- Managed client relationships, prepared proposals, and coordinated project execution and delivery.
- Ensured the quality and accuracy of all technical drawings and custom designs through meticulous oversight.

02/2010 - 07/2013

Sales and Technical Support Engineer

Nokta Plastic Technologies Ltd, Istanbul, Turkey

- Conducted customer visits to assess requirements for plastic injection machinery and equipment, performed needs analysis, and provided tailored project solutions.
- Executed precise technical calculations to determine the most suitable machinery based on project specifications.
- Prepared and presented detailed sales proposals, including comprehensive machine specifications and pricing information.
- Played a key role throughout the entire sales process, from initial contact and proposal preparation to machine sales and installation.
- Coordinated with the technical team to ensure efficient machine installation and provided technical support as needed.

Interests, Hobbies and Achievements

Hobbies:

Passionate about music; play various string instruments including the harp, santoor, and guitar.

Enjoy playing the traditional African drum (djembe) and performing poi spinning at sunset.

Read psychology books to better understand human behaviour.

Engage in solo travel and document experiences through video vlogs.

Use data visualization programs to create compelling data representations.

Additional Info:

Native in Turkish.