

MOHAMMAD MAHDI FALLAHI

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EDUCATION

Sama College

- Associate's Degree in Computer Software

**Tehran,
Iran
2015,2017**

Islamic Azad University, North Tehran Branch

- Bachelor's Degree in Computer Software technology Engineering

**Tehran,
Iran
2017-2019**

WORK EXPERIENCE

IT Support Technician (Part-time) — Industrial Engineering Service Company (IESCO), Tehran, Iran

2017 –2020

- Provided technical support and troubleshooting for hardware and software issues.
- Conducted HTML code troubleshooting to ensure website functionality.
- Installed and configured hardware/software, including antivirus and security systems.
- Performed regular system maintenance to optimize performance and security.

Information Technology Engineer — Iran Group of Surveyors (IGS), Tehran, Iran

**January
2022 –
June 2022**

- Implemented IT solutions to improve organizational efficiency; oversaw software and hardware installations, maintenance, and server/network continuity.
- Ensured network security, performed technical troubleshooting, and supported development and operations teams with system requirements and environment provisioning.
- Provided concurrent IT services to external clients under IGS engagement:
- Software Engineer — Experts Group Holding
- Information Technology Engineer — Lloyd Alman (GL)

Business Intelligence Specialist — Industrial Engineering Service Company (IESCO), Tehran, Iran

**June 2022
– Present**

- Led a team in designing and implementing a comprehensive data warehouse to centralize and structure organizational data.
- Developed interactive dashboards and visual reports to support data-driven decision-making for management and stakeholders.
- Transformed raw data into actionable insights, optimizing business intelligence processes and improving reporting accuracy.
- Collaborated with cross-functional departments to identify key performance indicators (KPIs) and align BI solutions with strategic goals.

COURSES AND CERTIFICATIONS

- Career Essentials in Project Management (Microsoft & LinkedIn)
- Microsoft .NET Fundamentals
- Network +
- Programming in C#
- MCTS: SQL Server 2019 Database Development
- Comprehensive Data Science Course
- Data Analysis and Visualization with Power BI (Microsoft)

SKILLS

- **Programming & Scripting:** Python, Transact-SQL (T-SQL), DAX, SQLite
- **Data Science & Machine Learning:** Regression Models, Classification, K-Means Clustering, Machine Learning Algorithms, CRISP-DM
- **Data Analysis & Visualization:** Pandas, Seaborn, Matplotlib, Scikit-Learn, Data Wrangling, Data Visualization
- **Business Intelligence Tools:** Microsoft Power BI, Microsoft SQL Server, Business Intelligence (BI)
- **Database & Systems Management:** Database Design, SQL Databases, Object-Oriented Programming (OOP), Tkinter
- **Web Technologies & Automation:** Web Scraping
- **Project Management & Collaboration:** Microsoft 365, Project Management Foundations (Requirements, Teams, Ethics, Communication, Budgets, Risk, Schedules), Stakeholder Management, Teamwork
- **Networking & Professionalism:** Computer Networking, Business Ethics

PROJECTS

- **Data Analysis & Visualization Project:** Applied CRISP-DM methodology to clean, analyze, and visualize complex datasets.
- **Machine Learning Model Development:** Implemented classification and regression models to solve real-world business problems.
- **Business Intelligence Dashboard:** Designed a Power BI dashboard to monitor KPIs and provide insights for strategic planning.
- **LMS CRUD Application:** Developed a Python-based Learning Management System interface using Tkinter and SQL Server, enabling full CRUD operations through an interactive GUI.
- **Machine Learning Prediction Interface:** Built a GUI application for predictive modeling using multiple machine learning algorithms to forecast outcomes based on user inputs.
- **IELTS Slot Notifier:** Created a Python desktop application that automatically scrapes three IELTS registration websites to check for open test slots and sends push notifications to the user's phone. Implemented a dark-mode UI and packaged it as a standalone .exe for deployment.

HOBBIES

- Playing guitar (acoustic)
- Long-distance running
- Swimming
- Exploring nature and outdoor activities
- Engaging in activities that enhance creativity, focus, and discipline — qualities valuable in data analysis and problem-solving

PERSONAL ATTRIBUTES

- Possess high emotional intelligence, with a focus on self-awareness, self-regulation, empathy, social skills, and motivation in the workplace.
- Creative problem solver with a knack for identifying unique solutions to complex problems and implementing preventative measures to avoid future issues.
- Adaptable, with a willingness to learn new skills and adjust to the changing needs of the company.
- Excellent communication and interpersonal skills with a customer-focused approach.